



ANALYTICAL DATA REPORT

JMC Environmental Consultants
2109 Bridge Avenue
Building B
Point Pleasant, NJ 08742

Project Name: **ARSYNCO**
IAL Case Number: **E13-03698**

These data have been reviewed and accepted by:

A handwritten signature in black ink, appearing to read "Michael H. Lefkin".

Michael H. Lefkin, Ph.D.
Laboratory Director

This report shall not be reproduced, except in its entirety, without the written consent of Integrated Analytical Laboratories, LLC. The test results included in this report relate only to the samples analyzed. The results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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IAL is a NELAC New Jersey Certified Lab (14751) and maintains certification in Connecticut (PH-0699), New York (11402), Rhode Island (00126), Pennsylvania (68-00773) and in the Department of Navy IR QA Program

Sample Summary

IAL Case No.

E13-03698

Client JMC Environmental Consultants

Project ARSYNCO

Received On 4/23/2013@16:50

<u>Lab ID</u>	<u>Client Sample ID</u>	<u>Depth Top/Bottom</u>	<u>Sampling Time</u>	<u>Matrix</u>	<u># of Container</u>
03698-001	X-38N (0-2.0)	0/2	4/23/2013@08:55	Soil	1
03698-002	X-38N (2.0-4.0)	2/4	4/23/2013@08:56	Soil	1
03698-003	X-38N (4.0-6.0)	4/6	4/23/2013@08:57	Soil	1
03698-004	X-38S (0-2.0)	0/2	4/23/2013@09:15	Soil	1
03698-005	X-40S (4.0-6.0)	4/6	4/23/2013@09:37	Soil	1
03698-006	X-41S (0-2.0)	0/2	4/23/2013@09:56	Soil	1
03698-007	X-41S (2.0-4.0)	2/4	4/23/2013@09:57	Soil	1
03698-008	X-41S (4.0-6.0)	4/6	4/23/2013@09:58	Soil	1
03698-009	X-41W (0-2.0)	0/2	4/23/2013@10:15	Soil	1
03698-010	X-40W (0-2.0)	0/2	4/23/2013@10:30	Soil	1
03698-011	X-40W (4.0-6.0)	4/6	4/23/2013@10:31	Soil	1
03698-012	X-40W (6.0-8.0)	6/8	4/23/2013@10:32	Soil	1
03698-013	W-37E (2.0-4.0)	2/4	4/23/2013@11:20	Soil	1
03698-014	W-37E (4.0-6.0)	4/6	4/23/2013@11:21	Soil	1
03698-015	W-36S (4.0-6.0)	4/6	4/23/2013@11:45	Soil	1
03698-016	W-38N (0-2.0)	0/2	4/23/2013@12:08	Soil	1
03698-017	W-38N (4.0-6.0)	4/6	4/23/2013@12:09	Soil	1
03698-018	W-38S (0-2.0)	0/2	4/23/2013@13:00	Soil	1
03698-019	W-40N (0-2.0)	0/2	4/23/2013@13:30	Soil	1
03698-020	W-40N (4.0-6.0)	4/6	4/23/2013@13:31	Soil	1
03698-021	W-40N (6.0-8.0)	6/8	4/23/2013@13:32	Soil	1
03698-022	W-40S (6.0-8.0)	6/8	4/23/2013@13:55	Soil	1
03698-023	W-41S (0-2.0)	0/2	4/23/2013@14:15	Soil	1
03698-024	W-41S (2.0-4.0)	2/4	4/23/2013@14:16	Soil	1
03698-025	W-41S (4.0-6.0)	4/6	4/23/2013@14:17	Soil	1
03698-026	W-41W (0-2.0)	0/2	4/23/2013@14:38	Soil	1
03698-027	W-41W (4.0-6.0)	4/6	4/23/2013@14:39	Soil	1
03698-028	W-40W (0-2.0)	0/2	4/23/2013@15:01	Soil	1
03698-029	W-40W (2.0-4.0)	2/4	4/23/2013@15:02	Soil	1
03698-030	W-40W (4.0-6.0)	4/6	4/23/2013@15:03	Soil	1
03698-031	W-40W (6.0-8.0)	6/8	4/23/2013@15:04	Soil	1
03698-032	V-39E (0-2.0)	0/2	4/23/2013@15:26	Soil	1
03698-033	V-39E (4.0-6.0)	4/6	4/23/2013@15:27	Soil	1
03698-034	FB-75	n/a	4/23/2013@15:33	Aqueous	2

INTEGRATED ANALYTICAL LABORATORIES, LLC.

TABLE OF CONTENTS

	<u>Page</u>
Qualifiers	1
Conformance / NonConformance Summaries	2
Results Summary Report	8
Analytical Results	14
PCBs	
Methodology Summary *	
PCBs	49
PCBs QC Summary	50
Surrogate Percent Recovery Summary	
LCS, MS/MSD Recovery Summary	
Method Blank Summary	
Initial Calibration Summary	
Initial/Continuing Calibration Verification Summary	
Retention Time Shift Summary	
PCBs Sample Data	108
Sample Quant Report and Chromatogram	
Method Blank Results	
Method Blank Quant Report and Chromatogram	
Sample Tracking	197
Chains of Custody	
Project Information	
Sample Receipt Verification	
Laboratory Chronicle	
Last Page of the Report	206

This report was finalized on May 08, 2013

* Methodology is included in the IAL Project Information Page

INTEGRATED ANALYTICAL LABORATORIES, LLC.

DEFINITIONS / QUALIFIERS

DATA QUALIFIERS

- B** Indicates the analyte was found in the associated method blank as well as in the sample.
It indicates probable laboratory contamination.
- C** Indicates analyte is a common laboratory contaminant.
- D** Indicated analyte was reported from diluted analysis.
- E** Identifies a compound concentration that exceeds the upper level of the calibration range of the instrument for that specific analysis.
- J** Indicates an estimated value. This flag is used when the concentration in the sample is below the RL but above the MDL.

REPORTING DEFINITIONS

RL Reporting Limit. The RL is determined by the lowest concentration in the calibration curve. For most Wet Chemistry methods, the RL is defined by using the PQL.

MDL Method Detection Limit as determined according to 40CFR Part 136 Appendix B.

PQL Practical Quantitation Limit. Usually defined as a value 3-5 times the MDL.

ND Indicates analyte was analyzed for but not detected above the MDL.

DF Dilution Factor

LCS Laboratory Control Sample

LCSD Laboratory Control Sample Duplicate

MS Matrix Spike

MSD Matrix Spike Duplicate

DUP Duplicate

CONFORMANCE / NON-CONFORMANCE SUMMARIES

INTEGRATED ANALYTICAL LABORATORIES, LLC.

CONFORMANCE / NONCONFORMANCE SUMMARY

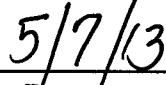
Integrated Analytical Laboratories, LLC. received one (1) aqueous and thirty-three (33) soil sample(s) from JMC Environmental Consultants (IAL SDG # E13-03698, Project: ARSYNC) on April 23, 2013 for the analysis of:

(34) TCL PCB

A review of the QA/QC measures for the analysis of the sample(s) contained in this report has been performed by:



Reviewed by



Date

SAMPLE DELIVERY GROUP CASE NARRATIVE

SDG#: E13-03698

PCB By 8082

Batch ID: 130430-13	Matrix: Aqueous
----------------------------	------------------------

- QC**
- Calibration Curve met QC criteria.
 - Surrogate Percent Recovery met QC criteria.
 - Method Blank met QC criteria.
 - LCS Percent Recovery met QC criteria.
 - MS/MSD Percent Recovery met QC criteria.
 - RPD between MS/MSD met QC criteria.
 - The following samples were cleaned up using method 3660B to remove sulfur: 034
- E13-03698**
- All samples were extracted within holding time.
 - All samples were analyzed within holding time.
 - Retention Time Shift met QC criteria.
 - No dilution was performed.

SAMPLE DELIVERY GROUP CASE NARRATIVE

SDG#: E13-03698

PCB By 8082

Batch ID: 130428-02

Matrix: Soil

- | | |
|------------------|---|
| QC | <ul style="list-style-type: none">- Calibration Curve met QC criteria.- Surrogate Percent Recovery did not meet QC criteria. The surrogate was inadvertently double spiked for the whole batch. The surrogate for samples 03698 -001, -002, -005 was diluted out.- Method Blank met QC criteria.- LCS Percent Recovery met QC criteria.- MS/MSD Percent Recovery met QC criteria.- RPD between MS/MSD met QC criteria.- The RPD between the primary and secondary column was >40% for the following samples: 03698 -002, -003, -008. Per SW-846 8000C, the lower of the two concentrations was reported.- The following samples were cleaned up using method 3660B to remove sulfur: 001, 002, 003, 004, 005, 006, 007, 008 |
| E13-03698 | <ul style="list-style-type: none">- All samples were extracted within holding time.- All samples were analyzed within holding time.- Retention Time Shift met QC criteria.- Sample -004 was run with 10x dilution, sample -006, -007 were run with 20x dilution, samples -001, -002 were run with 100x dilution and sample -005 was run with 200x dilution due to high concentrations of the target compounds. No dilution was performed on all other samples. |



5/3/2013

Signature

Date

SAMPLE DELIVERY GROUP CASE NARRATIVE

SDG#: E13-03698

PCB By 8082

Batch ID: 130428-04

Matrix: Soil

QC

- Calibration Curve met QC criteria.
- Surrogate Percent Recovery met QC criteria.
- Method Blank met QC criteria.
- LCS Percent Recovery met QC criteria.
- MS/MSD Percent Recovery met QC criteria.
- RPD between MS/MSD met QC criteria.
- The following samples were cleaned up using method 3660B to remove sulfur: 029, 030, 031, 032, 033
- The surrogate was double spiked for the whole batch and percent recoveries were adjusted to reflect this. For samples 03698 -029, -030 and -032 the surrogate was diluted out.

E13-03698

- All samples were extracted within holding time.
- All samples were analyzed within holding time.
- Retention Time Shift met QC criteria.
- Sample 03698 -032 was run with 200x dilution, sample -030 was run with 500x dilution and sample -029 was run with 2000x dilution due to high concentrations of the target compounds.



5/7/2013

Signature

Date

SAMPLE DELIVERY GROUP CASE NARRATIVE

SDG#: E13-03698

PCB By 8082

Batch ID: 130428-03	Matrix: Soil
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- QC**
- Calibration Curve met QC criteria.
 - Surrogate Percent Recovery met QC criteria.
 - Method Blank met QC criteria.
 - LCS Percent Recovery met QC criteria.
 - MS/MSD Percent Recovery did not meet QC criteria. Due to matrix interference from the sample.
 - RPD between MS/MSD did not meet QC criteria. Due to matrix interference from the sample.
 - The RPD between the primary and secondary column was >40% for the following samples: 03698 -023. Per SW-846 8000C, the lower of the two concentrations was reported.
 - The following samples were cleaned up using method 3660B to remove sulfur: 009, 010, 011, 012, 013, 014, 015, 016, 017, 018, 019, 020, 021, 022, 023, 024, 025, 026, 027, 028
 - The surrogate was double spiked for the whole batch and percent recoveries were adjusted to reflect this. For samples 03698 -010, -013, -017, -019, -020, -024, -025, -026, -027, -028 the surrogate was diluted out.
- E13-03698**
- All samples were extracted within holding time.
 - All samples were analyzed within holding time.
 - Retention Time Shift met QC criteria.
 - Samples 03698 -022, -023 were run with 5x dilution, samples -009, -021 with 10x dilution, sample -016 with 20x dilution, samples -011, -014, -015, -018 with 50x dilution, samples -010, -025 with 100x dilution, samples -013, -017, -024, -026, -027 with 250x dilution, samples -019, -028 with 500x dilution and sample -020 with 4000x dilution due to high concentrations of the target compounds.



5/7/2013

Signature

Date

RESULTS SUMMARY REPORT

E13-03698 0008

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT

Client: JMC Environmental Consultants

Project: ARSYNCO

Lab Case No.: E13-03698

PARAMETER(Units)	Lab ID: 03698-034 Client ID: FB-75 Matrix: Aqueous Sampled Date	Conc Q MDL		
PCB's (Units)	<i>(mg/L-ppm)</i>			
Aroclor-1016	ND	0.00002		
Aroclor-1221	ND	0.00002		
Aroclor-1232	ND	0.00002		
Aroclor-1242	ND	0.00002		
Aroclor-1248	ND	0.00002		
Aroclor-1254	ND	0.00002		
Aroclor-1260	ND	0.00002		
Aroclor-1262	ND	0.00002		
Aroclor-1268	ND	0.00002		
PCBs	ND	0.00002		
	Lab ID: 03698-001 Client ID: X-38N (0-2.0) Depth: 0/2 Matrix: Soil Sampled Date	03698-002 X-38N (2.0-4.0) 2/4 Soil 4/23/13	03698-003 X-38N (4.0-6.0) 4/6 Soil 4/23/13	03698-004 X-38S (0-2.0) 0/2 Soil 4/23/13
PARAMETER(Units)	Conc Q MDL	Conc Q MDL	Conc Q MDL	Conc Q MDL
PCB's (Units)	<i>(mg/Kg-ppm)</i>		<i>(mg/Kg-ppm)</i>	
Aroclor-1016	ND	1.95	ND	2.41
Aroclor-1221	ND	1.95	ND	2.41
Aroclor-1232	ND	1.95	ND	2.41
Aroclor-1242	ND	1.95	ND	2.41
Aroclor-1248	ND	1.95	ND	2.41
Aroclor-1254	ND	1.95	395	2.41
Aroclor-1260	534	1.95	291	2.41
Aroclor-1262	ND	1.95	ND	2.41
Aroclor-1268	ND	1.95	ND	2.41
PCBs	534	1.95	686	2.41
			0.799	0.053
			42.8	0.201
			0.053	ND
			0.053	0.201
			ND	0.201

ND = Analyzed for but Not Detected at the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E13-03698

PARAMETER(Units)	Lab ID:	03698-005			03698-006			03698-007			03698-008					
	Client ID:	X-40S (4.0-6.0)			Depth:	0/2			Matrix:	Soil			Sampled Date	4/23/13		
	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	
PCB's (Units)	<i>(mg/Kg-ppm)</i>				<i>(mg/Kg-ppm)</i>				<i>(mg/Kg-ppm)</i>				<i>(mg/Kg-ppm)</i>			
Aroclor-1016	ND	6.57	ND	0.449	ND	0.508	ND	0.508	ND	0.508	ND	0.508	ND	0.078	ND	0.078
Aroclor-1221	ND	6.57	ND	0.449	ND	0.508	ND	0.508	ND	0.508	ND	0.508	ND	0.078	ND	0.078
Aroclor-1232	ND	6.57	ND	0.449	ND	0.508	ND	0.508	ND	0.508	ND	0.508	ND	0.078	ND	0.078
Aroclor-1242	ND	6.57	ND	0.449	ND	0.508	ND	0.508	ND	0.508	ND	0.508	ND	0.078	ND	0.078
Aroclor-1248	ND	6.57	ND	0.449	ND	0.508	ND	0.508	ND	0.508	ND	0.508	ND	0.078	ND	0.078
Aroclor-1254	ND	6.57	68.2	0.449	ND	0.508	ND	0.508	ND	0.508	ND	0.508	ND	0.078	1.22	0.078
Aroclor-1260	1650	6.57	79.5	0.449	78.5	0.508	ND	0.508	ND	0.508	ND	0.508	ND	0.078	ND	0.078
Aroclor-1262	ND	6.57	ND	0.449	ND	0.508	ND	0.508	ND	0.508	ND	0.508	ND	0.078	ND	0.078
Aroclor-1268	ND	6.57	ND	0.449	ND	0.508	ND	0.508	ND	0.508	ND	0.508	ND	0.078	ND	0.078
PCBs	1650	6.57	148	0.449	78.5	0.508	ND	0.508	ND	0.508	ND	0.508	ND	0.078	1.22	0.078
	Lab ID:	03698-009			03698-010			03698-011			03698-012					
	Client ID:	X-41W (0-2.0)			X-40W (0-2.0)			X-40W (4.0-6.0)			X-40W (6.0-8.0)					
	Depth:	0/2			0/2			4/6			6/8					
	Matrix:	Soil			Soil			Soil			Soil					
	Sampled Date	4/23/13			4/23/13			4/23/13			4/23/13					
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	
PCB's (Units)	<i>(mg/Kg-ppm)</i>				<i>(mg/Kg-ppm)</i>				<i>(mg/Kg-ppm)</i>				<i>(mg/Kg-ppm)</i>			
Aroclor-1016	ND	0.219	ND	2.20	ND	2.39	ND	2.39	ND	2.39	ND	2.39	ND	0.020	ND	0.020
Aroclor-1221	ND	0.219	ND	2.20	ND	2.39	ND	2.39	ND	2.39	ND	2.39	ND	0.020	ND	0.020
Aroclor-1232	ND	0.219	ND	2.20	ND	2.39	ND	2.39	ND	2.39	ND	2.39	ND	0.020	ND	0.020
Aroclor-1242	ND	0.219	ND	2.20	ND	2.39	ND	2.39	ND	2.39	ND	2.39	ND	0.020	ND	0.020
Aroclor-1248	ND	0.219	ND	2.20	ND	2.39	ND	2.39	ND	2.39	ND	2.39	ND	0.020	ND	0.020
Aroclor-1254	28.7	0.219	188	2.20	ND	2.39	ND	2.39	ND	2.39	ND	2.39	ND	0.020	ND	0.020
Aroclor-1260	34.6	0.219	261	2.20	851	2.39	ND	2.39	ND	2.39	ND	2.39	ND	0.288	0.020	0.020
Aroclor-1262	ND	0.219	ND	2.20	ND	2.39	ND	2.39	ND	2.39	ND	2.39	ND	0.020	ND	0.020
Aroclor-1268	ND	0.219	ND	2.20	ND	2.39	ND	2.39	ND	2.39	ND	2.39	ND	0.020	ND	0.020
PCBs	63.3	0.219	449	2.20	851	2.39	ND	2.39	ND	2.39	ND	2.39	ND	0.288	0.020	0.020

ND = Analyzed for but Not Detected at the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E13-03698

	Lab ID: 03698-013	03698-014			03698-015			03698-016				
	Client ID: W-37E (2.0-4.0)	Client ID: W-37E (4.0-6.0)			Client ID: W-36S (4.0-6.0)			Client ID: W-38N (0-2.0)				
	Depth: 2/4	Depth: 4/6			Depth: 4/6			Depth: 0/2				
	Matrix: Soil	Matrix: Soil			Matrix: Soil			Matrix: Soil				
	Sampled Date 4/23/13	Sampled Date 4/23/13			Sampled Date 4/23/13			Sampled Date 4/23/13				
PARAMETER(Units)	Conc Q MDL	Conc Q MDL	Conc Q MDL	Conc Q MDL	Conc Q MDL	Conc Q MDL	Conc Q MDL	Conc Q MDL	Conc Q MDL	Conc Q MDL		
PCB's (Units)	(mg/Kg-ppm)			(mg/Kg-ppm)			(mg/Kg-ppm)			(mg/Kg-ppm)		
Aroclor-1016	ND	6.56	ND	4.12	ND	3.70	ND	0.449				
Aroclor-1221	ND	6.56	ND	4.12	ND	3.70	ND	0.449				
Aroclor-1232	ND	6.56	ND	4.12	ND	3.70	ND	0.449				
Aroclor-1242	ND	6.56	ND	4.12	ND	3.70	ND	0.449				
Aroclor-1248	ND	6.56	ND	4.12	ND	3.70	ND	0.449				
Aroclor-1254	ND	6.56	ND	4.12	ND	3.70	70.6	0.449				
Aroclor-1260	1560	6.56	6.58 J	4.12	14.7	3.70	141	0.449				
Aroclor-1262	ND	6.56	ND	4.12	ND	3.70	ND	0.449				
Aroclor-1268	ND	6.56	ND	4.12	ND	3.70	ND	0.449				
PCBs	1560	6.56	6.58 J	4.12	14.7	3.70	212	0.449				
	Lab ID: 03698-017	03698-018			03698-019			03698-020				
	Client ID: W-38N (4.0-6.0)	Client ID: W-38S (0-2.0)			Client ID: W-40N (0-2.0)			Client ID: W-40N (4.0-6.0)				
	Depth: 4/6	Depth: 0/2			Depth: 0/2			Depth: 4/6				
	Matrix: Soil	Matrix: Soil			Matrix: Soil			Matrix: Soil				
	Sampled Date 4/23/13	Sampled Date 4/23/13			Sampled Date 4/23/13			Sampled Date 4/23/13				
PARAMETER(Units)	Conc Q MDL	Conc Q MDL	Conc Q MDL	Conc Q MDL	Conc Q MDL	Conc Q MDL	Conc Q MDL	Conc Q MDL	Conc Q MDL	Conc Q MDL		
PCB's (Units)	(mg/Kg-ppm)			(mg/Kg-ppm)			(mg/Kg-ppm)			(mg/Kg-ppm)		
Aroclor-1016	ND	8.02	ND	1.06	ND	9.93	ND	82.3				
Aroclor-1221	ND	8.02	ND	1.06	ND	9.93	ND	82.3				
Aroclor-1232	ND	8.02	ND	1.06	ND	9.93	ND	82.3				
Aroclor-1242	ND	8.02	ND	1.06	ND	9.93	ND	82.3				
Aroclor-1248	ND	8.02	ND	1.06	ND	9.93	ND	82.3				
Aroclor-1254	ND	8.02	209	1.06	ND	9.93	ND	82.3				
Aroclor-1260	1070	8.02	413	1.06	1560	9.93	14100	82.3				
Aroclor-1262	ND	8.02	ND	1.06	ND	9.93	ND	82.3				
Aroclor-1268	ND	8.02	ND	1.06	ND	9.93	ND	82.3				
PCBs	1070	8.02	622	1.06	1560	9.93	14100	82.3				

ND = Analyzed for but Not Detected at the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E13-03698

	Lab ID: Client ID: Depth: Matrix: Sampled Date	03698-021 W-40N (6.0-8.0) 6/8 Soil 4/23/13	03698-022 W-40S (6.0-8.0) 6/8 Soil 4/23/13	03698-023 W-41S (0-2.0) 0/2 Soil 4/23/13	03698-024 W-41S (2.0-4.0) 2/4 Soil 4/23/13
PARAMETER(Units)	Conc Q MDL	Conc Q MDL	Conc Q MDL	Conc Q MDL	Conc Q MDL
PCB's (Units)					
Aroclor-1016	ND 0.207	ND 0.101	ND 0.113	ND 5.32	
Aroclor-1221	ND 0.207	ND 0.101	ND 0.113	ND 5.32	
Aroclor-1232	ND 0.207	ND 0.101	ND 0.113	ND 5.32	
Aroclor-1242	ND 0.207	ND 0.101	ND 0.113	ND 5.32	
Aroclor-1248	ND 0.207	ND 0.101	ND 0.113	ND 5.32	
Aroclor-1254	ND 0.207	7.00 0.101	20.5 0.113	ND 5.32	
Aroclor-1260	37.9 0.207	11.2 0.101	20.0 0.113	1300 5.32	
Aroclor-1262	ND 0.207	ND 0.101	ND 0.113	ND 5.32	
Aroclor-1268	ND 0.207	ND 0.101	ND 0.113	ND 5.32	
PCBs	37.9 0.207	18.2 0.101	40.5 0.113	1300 5.32	
	Lab ID: Client ID: Depth: Matrix: Sampled Date	03698-025 W-41S (4.0-6.0) 4/6 Soil 4/23/13	03698-026 W-41W (0-2.0) 0/2 Soil 4/23/13	03698-027 W-41W (4.0-6.0) 4/6 Soil 4/23/13	03698-028 W-40W (0-2.0) 0/2 Soil 4/23/13
PARAMETER(Units)	Conc Q MDL	Conc Q MDL	Conc Q MDL	Conc Q MDL	Conc Q MDL
PCB's (Units)					
Aroclor-1016	ND 2.11	ND 5.63	ND 8.73	ND 11.6	
Aroclor-1221	ND 2.11	ND 5.63	ND 8.73	ND 11.6	
Aroclor-1232	ND 2.11	ND 5.63	ND 8.73	ND 11.6	
Aroclor-1242	ND 2.11	ND 5.63	ND 8.73	ND 11.6	
Aroclor-1248	ND 2.11	ND 5.63	ND 8.73	ND 11.6	
Aroclor-1254	ND 2.11	546 5.63	ND 8.73	ND 11.6	
Aroclor-1260	502 2.11	752 5.63	1350 8.73	651 11.6	
Aroclor-1262	ND 2.11	ND 5.63	ND 8.73	ND 11.6	
Aroclor-1268	ND 2.11	ND 5.63	ND 8.73	ND 11.6	
PCBs	502 2.11	1300 5.63	1350 8.73	651 11.6	

ND = Analyzed for but Not Detected at the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E13-03698

	Lab ID: Client ID: Depth: Matrix: Sampled Date	03698-029 W-40W (2.0-4.0) 2/4 Soil 4/23/13	03698-030 W-40W (4.0-6.0) 4/6 Soil 4/23/13	03698-031 W-40W (6.0-8.0) 6/8 Soil 4/23/13	03698-032 V-39E (0-2.0) 0/2 Soil 4/23/13
PARAMETER(Units)		Conc Q MDL	Conc Q MDL	Conc Q MDL	Conc Q MDL
PCB's (Units)		(mg/Kg-ppm)	(mg/Kg-ppm)	(mg/Kg-ppm)	(mg/Kg-ppm)
Aroclor-1016		ND 43.7	ND 11.2	ND 0.019	ND 4.31
Aroclor-1221		ND 43.7	ND 11.2	ND 0.019	ND 4.31
Aroclor-1232		ND 43.7	ND 11.2	ND 0.019	ND 4.31
Aroclor-1242		ND 43.7	ND 11.2	2.15 0.019	ND 4.31
Aroclor-1248		ND 43.7	ND 11.2	ND 0.019	ND 4.31
Aroclor-1254		ND 43.7	ND 11.2	ND 0.019	ND 4.31
Aroclor-1260		8050 43.7	1990 11.2	3.18 0.019	1230 4.31
Aroclor-1262		ND 43.7	ND 11.2	ND 0.019	ND 4.31
Aroclor-1268		ND 43.7	ND 11.2	ND 0.019	ND 4.31
PCBs		8050 43.7	1990 11.2	5.33 0.019	1230 4.31
	Lab ID: Client ID: Depth: Matrix: Sampled Date	03698-033 V-39E (4.0-6.0) 4/6 Soil 4/23/13			
PARAMETER(Units)		Conc Q MDL			
PCB's (Units)		(mg/Kg-ppm)			
Aroclor-1016		ND 0.088			
Aroclor-1221		ND 0.088			
Aroclor-1232		ND 0.088			
Aroclor-1242		ND 0.088			
Aroclor-1248		ND 0.088			
Aroclor-1254		ND 0.088			
Aroclor-1260		3.60 0.088			
Aroclor-1262		ND 0.088			
Aroclor-1268		ND 0.088			
PCBs		3.60 0.088			

ND = Analyzed for but Not Detected at the MDL

ANALYTICAL RESULTS

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 03698-001

Client ID: X-38N_(0-2)

Date Received: 04/23/2013

Date Extracted: 04/28/2013

Date Analyzed: 05/02/2013

Data file: Y7882.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.72g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 100

% Moisture: 28.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		4.88	1.95
Aroclor-1221	ND		4.88	1.95
Aroclor-1232	ND		4.88	1.95
Aroclor-1242	ND		4.88	1.95
Aroclor-1248	ND		4.88	1.95
Aroclor-1254	ND		4.88	1.95
Aroclor-1260	534		4.88	1.95
Aroclor-1262	ND		4.88	1.95
Aroclor-1268	ND		4.88	1.95
PCBs	534		4.88	1.95

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 03698-002

Client ID: X-38N_(2.0)

Date Received: 04/23/2013

Date Extracted: 04/28/2013

Date Analyzed: 05/02/2013

Data file: Y7883.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.28g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 100

% Moisture: 37.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		6.01	2.41
Aroclor-1221	ND		6.01	2.41
Aroclor-1232	ND		6.01	2.41
Aroclor-1242	ND		6.01	2.41
Aroclor-1248	ND		6.01	2.41
Aroclor-1254	395		6.01	2.41
Aroclor-1260	291		6.01	2.41
Aroclor-1262	ND		6.01	2.41
Aroclor-1268	ND		6.01	2.41
PCBs	686		6.01	2.41

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 03698-003
Client ID: X-38N_(4.0)
Date Received: 04/23/2013
Date Extracted: 04/28/2013
Date Analyzed: 05/02/2013
Data file: Y7867.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.65g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 73.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.132	0.053
Aroclor-1221	ND		0.132	0.053
Aroclor-1232	ND		0.132	0.053
Aroclor-1242	ND		0.132	0.053
Aroclor-1248	ND		0.132	0.053
Aroclor-1254	0.799		0.132	0.053
Aroclor-1260	ND		0.132	0.053
Aroclor-1262	ND		0.132	0.053
Aroclor-1268	ND		0.132	0.053
PCBs	0.799		0.132	0.053

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 03698-004
Client ID: X-38S_(0-2)
Date Received: 04/23/2013
Date Extracted: 04/28/2013
Date Analyzed: 05/02/2013
Data file: Y7884.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.45g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 27.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.503	0.201
Aroclor-1221	ND		0.503	0.201
Aroclor-1232	ND		0.503	0.201
Aroclor-1242	ND		0.503	0.201
Aroclor-1248	ND		0.503	0.201
Aroclor-1254	ND		0.503	0.201
Aroclor-1260	42.8		0.503	0.201
Aroclor-1262	ND		0.503	0.201
Aroclor-1268	ND		0.503	0.201
PCBs	42.8		0.503	0.201

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 03698-005

Client ID: X-40S_(4.0

Date Received: 04/23/2013

Date Extracted: 04/28/2013

Date Analyzed: 05/02/2013

Data file: Y7885.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.35g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 200

% Moisture: 54.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		16.4	6.57
Aroclor-1221	ND		16.4	6.57
Aroclor-1232	ND		16.4	6.57
Aroclor-1242	ND		16.4	6.57
Aroclor-1248	ND		16.4	6.57
Aroclor-1254	ND		16.4	6.57
Aroclor-1260	1650		16.4	6.57
Aroclor-1262	ND		16.4	6.57
Aroclor-1268	ND		16.4	6.57
PCBs	1650		16.4	6.57

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 03698-006
Client ID: X-41S_(0-2)
Date Received: 04/23/2013
Date Extracted: 04/28/2013
Date Analyzed: 05/02/2013
Data file: Y7886.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.03g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 20
% Moisture: 29.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		1.12	0.449
Aroclor-1221	ND		1.12	0.449
Aroclor-1232	ND		1.12	0.449
Aroclor-1242	ND		1.12	0.449
Aroclor-1248	ND		1.12	0.449
Aroclor-1254	68.2		1.12	0.449
Aroclor-1260	79.5		1.12	0.449
Aroclor-1262	ND		1.12	0.449
Aroclor-1268	ND		1.12	0.449
PCBs	148		1.12	0.449

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 03698-007

Client ID: X-41S_(2.0)

Date Received: 04/23/2013

Date Extracted: 04/28/2013

Date Analyzed: 05/02/2013

Data file: Y7887.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.21g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 20

% Moisture: 39.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		1.27	0.508
Aroclor-1221	ND		1.27	0.508
Aroclor-1232	ND		1.27	0.508
Aroclor-1242	ND		1.27	0.508
Aroclor-1248	ND		1.27	0.508
Aroclor-1254	ND		1.27	0.508
Aroclor-1260	78.5		1.27	0.508
Aroclor-1262	ND		1.27	0.508
Aroclor-1268	ND		1.27	0.508
PCBs	78.5		1.27	0.508

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 03698-008

Client ID: X-41S_(4.0)

Date Received: 04/23/2013

Date Extracted: 04/28/2013

Date Analyzed: 05/02/2013

Data file: Y7872.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.06g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 1

% Moisture: 79.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.194	0.078
Aroclor-1221	ND		0.194	0.078
Aroclor-1232	ND		0.194	0.078
Aroclor-1242	ND		0.194	0.078
Aroclor-1248	ND		0.194	0.078
Aroclor-1254	1.22		0.194	0.078
Aroclor-1260	ND		0.194	0.078
Aroclor-1262	ND		0.194	0.078
Aroclor-1268	ND		0.194	0.078
PCBs	1.22		0.194	0.078

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 03698-009
Client ID: X-41W_(0-2)
Date Received: 04/23/2013
Date Extracted: 04/28/2013
Date Analyzed: 05/03/2013
Data file: Y7963.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 26.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND	0.546	0.219	
Aroclor-1221	ND	0.546	0.219	
Aroclor-1232	ND	0.546	0.219	
Aroclor-1242	ND	0.546	0.219	
Aroclor-1248	ND	0.546	0.219	
Aroclor-1254	28.7	0.546	0.219	
Aroclor-1260	34.6	0.546	0.219	
Aroclor-1262	ND	0.546	0.219	
Aroclor-1268	ND	0.546	0.219	
PCBs	63.3	0.546	0.219	

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 03698-010
Client ID: X-40W_(0-2
Date Received: 04/23/2013
Date Extracted: 04/28/2013
Date Analyzed: 05/03/2013
Data file: Y7964.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 27.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		5.50	2.20
Aroclor-1221	ND		5.50	2.20
Aroclor-1232	ND		5.50	2.20
Aroclor-1242	ND		5.50	2.20
Aroclor-1248	ND		5.50	2.20
Aroclor-1254	188		5.50	2.20
Aroclor-1260	261		5.50	2.20
Aroclor-1262	ND		5.50	2.20
Aroclor-1268	ND		5.50	2.20
PCBs	449		5.50	2.20

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 03698-011
Client ID: X-40W_(4.0)
Date Received: 04/23/2013
Date Extracted: 04/28/2013
Date Analyzed: 05/02/2013
Data file: Y7893.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 50
% Moisture: 66.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		5.97	2.39
Aroclor-1221	ND		5.97	2.39
Aroclor-1232	ND		5.97	2.39
Aroclor-1242	ND		5.97	2.39
Aroclor-1248	ND		5.97	2.39
Aroclor-1254	ND		5.97	2.39
Aroclor-1260	851		5.97	2.39
Aroclor-1262	ND		5.97	2.39
Aroclor-1268	ND		5.97	2.39
PCBs	851		5.97	2.39

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 03698-012
Client ID: X-40W_(6.0
Date Received: 04/23/2013
Date Extracted: 04/28/2013
Date Analyzed: 05/02/2013
Data file: Y7894.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 21.2

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.051	0.020
Aroclor-1221	ND		0.051	0.020
Aroclor-1232	ND		0.051	0.020
Aroclor-1242	ND		0.051	0.020
Aroclor-1248	ND		0.051	0.020
Aroclor-1254	ND		0.051	0.020
Aroclor-1260	0.288		0.051	0.020
Aroclor-1262	ND		0.051	0.020
Aroclor-1268	ND		0.051	0.020
PCBs	0.288		0.051	0.020

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 03698-013

Client ID: W-37E_(2.0)

Date Received: 04/23/2013

Date Extracted: 04/28/2013

Date Analyzed: 05/03/2013

Data file: Y7965.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.00g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 250

% Moisture: 39.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		16.4	6.56
Aroclor-1221	ND		16.4	6.56
Aroclor-1232	ND		16.4	6.56
Aroclor-1242	ND		16.4	6.56
Aroclor-1248	ND		16.4	6.56
Aroclor-1254	ND		16.4	6.56
Aroclor-1260	1560		16.4	6.56
Aroclor-1262	ND		16.4	6.56
Aroclor-1268	ND		16.4	6.56
PCBs	1560		16.4	6.56

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 03698-014
Client ID: W-37E_(4.0)
Date Received: 04/23/2013
Date Extracted: 04/28/2013
Date Analyzed: 05/02/2013
Data file: Y7896.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 50
% Moisture: 80.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		10.3	4.12
Aroclor-1221	ND		10.3	4.12
Aroclor-1232	ND		10.3	4.12
Aroclor-1242	ND		10.3	4.12
Aroclor-1248	ND		10.3	4.12
Aroclor-1254	ND		10.3	4.12
Aroclor-1260	6.58	J	10.3	4.12
Aroclor-1262	ND		10.3	4.12
Aroclor-1268	ND		10.3	4.12
PCBs	6.58	J	10.3	4.12

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 03698-015
Client ID: W-36S_(4.0)
Date Received: 04/23/2013
Date Extracted: 04/28/2013
Date Analyzed: 05/02/2013
Data file: Y7897.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 50
% Moisture: 78.4

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		9.26	3.70
Aroclor-1221	ND		9.26	3.70
Aroclor-1232	ND		9.26	3.70
Aroclor-1242	ND		9.26	3.70
Aroclor-1248	ND		9.26	3.70
Aroclor-1254	ND		9.26	3.70
Aroclor-1260	14.7		9.26	3.70
Aroclor-1262	ND		9.26	3.70
Aroclor-1268	ND		9.26	3.70
PCBs	14.7		9.26	3.70

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 03698-016
Client ID: W-38N_(0-2
Date Received: 04/23/2013
Date Extracted: 04/28/2013
Date Analyzed: 05/02/2013
Data file: Y7898.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 20
% Moisture: 28.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		1.12	0.449
Aroclor-1221	ND		1.12	0.449
Aroclor-1232	ND		1.12	0.449
Aroclor-1242	ND		1.12	0.449
Aroclor-1248	ND		1.12	0.449
Aroclor-1254	70.6		1.12	0.449
Aroclor-1260	141		1.12	0.449
Aroclor-1262	ND		1.12	0.449
Aroclor-1268	ND		1.12	0.449
PCBs	212		1.12	0.449

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 03698-017
Client ID: W-38N_(4.0)
Date Received: 04/23/2013
Date Extracted: 04/28/2013
Date Analyzed: 05/03/2013
Data file: Y7966.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 250
% Moisture: 50.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		20.0	8.02
Aroclor-1221	ND		20.0	8.02
Aroclor-1232	ND		20.0	8.02
Aroclor-1242	ND		20.0	8.02
Aroclor-1248	ND		20.0	8.02
Aroclor-1254	ND		20.0	8.02
Aroclor-1260	1070		20.0	8.02
Aroclor-1262	ND		20.0	8.02
Aroclor-1268	ND		20.0	8.02
PCBs	1070		20.0	8.02

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 03698-018
Client ID: W-38S_(0-2
Date Received: 04/23/2013
Date Extracted: 04/28/2013
Date Analyzed: 05/02/2013
Data file: Y7900.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 50
% Moisture: 24.7

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		2.66	1.06
Aroclor-1221	ND		2.66	1.06
Aroclor-1232	ND		2.66	1.06
Aroclor-1242	ND		2.66	1.06
Aroclor-1248	ND		2.66	1.06
Aroclor-1254	209		2.66	1.06
Aroclor-1260	413		2.66	1.06
Aroclor-1262	ND		2.66	1.06
Aroclor-1268	ND		2.66	1.06
PCBs	622		2.66	1.06

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 03698-019

Client ID: W-40N_(0-2)

Date Received: 04/23/2013

Date Extracted: 04/28/2013

Date Analyzed: 05/03/2013

Data file: Y7967.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.00g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 500

% Moisture: 19.4

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		24.8	9.93
Aroclor-1221	ND		24.8	9.93
Aroclor-1232	ND		24.8	9.93
Aroclor-1242	ND		24.8	9.93
Aroclor-1248	ND		24.8	9.93
Aroclor-1254	ND		24.8	9.93
Aroclor-1260	1560		24.8	9.93
Aroclor-1262	ND		24.8	9.93
Aroclor-1268	ND		24.8	9.93
PCBs	1560		24.8	9.93

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 03698-020
Client ID: W-40N_(4.0)
Date Received: 04/23/2013
Date Extracted: 04/28/2013
Date Analyzed: 05/03/2013
Data file: Y7968.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 4000
% Moisture: 22.2

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		206	82.3
Aroclor-1221	ND		206	82.3
Aroclor-1232	ND		206	82.3
Aroclor-1242	ND		206	82.3
Aroclor-1248	ND		206	82.3
Aroclor-1254	ND		206	82.3
Aroclor-1260	14100		206	82.3
Aroclor-1262	ND		206	82.3
Aroclor-1268	ND		206	82.3
PCBs	14100		206	82.3

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 03698-021
Client ID: W-40N_(6.0
Date Received: 04/23/2013
Date Extracted: 04/28/2013
Date Analyzed: 05/03/2013
Data file: Y7969.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 22.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.518	0.207
Aroclor-1221	ND		0.518	0.207
Aroclor-1232	ND		0.518	0.207
Aroclor-1242	ND		0.518	0.207
Aroclor-1248	ND		0.518	0.207
Aroclor-1254	ND		0.518	0.207
Aroclor-1260	37.9		0.518	0.207
Aroclor-1262	ND		0.518	0.207
Aroclor-1268	ND		0.518	0.207
PCBs	37.9		0.518	0.207

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 03698-022
Client ID: W-40S_(6.0)
Date Received: 04/23/2013
Date Extracted: 04/28/2013
Date Analyzed: 05/03/2013
Data file: Y7970.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 5
% Moisture: 20.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.253	0.101
Aroclor-1221	ND		0.253	0.101
Aroclor-1232	ND		0.253	0.101
Aroclor-1242	ND		0.253	0.101
Aroclor-1248	ND		0.253	0.101
Aroclor-1254	7.00		0.253	0.101
Aroclor-1260	11.2		0.253	0.101
Aroclor-1262	ND		0.253	0.101
Aroclor-1268	ND		0.253	0.101
PCBs	18.2		0.253	0.101

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 03698-023
Client ID: W-41S_(0-2)
Date Received: 04/23/2013
Date Extracted: 04/28/2013
Date Analyzed: 05/03/2013
Data file: Y7971.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 5
% Moisture: 29.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.282	0.113
Aroclor-1221	ND		0.282	0.113
Aroclor-1232	ND		0.282	0.113
Aroclor-1242	ND		0.282	0.113
Aroclor-1248	ND		0.282	0.113
Aroclor-1254	20.5		0.282	0.113
Aroclor-1260	20.0		0.282	0.113
Aroclor-1262	ND		0.282	0.113
Aroclor-1268	ND		0.282	0.113
PCBs	40.5		0.282	0.113

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 03698-024
Client ID: W-41S_(2.0)
Date Received: 04/23/2013
Date Extracted: 04/28/2013
Date Analyzed: 05/03/2013
Data file: Y7972.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 250
% Moisture: 24.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		13.3	5.32
Aroclor-1221	ND		13.3	5.32
Aroclor-1232	ND		13.3	5.32
Aroclor-1242	ND		13.3	5.32
Aroclor-1248	ND		13.3	5.32
Aroclor-1254	ND		13.3	5.32
Aroclor-1260	1300		13.3	5.32
Aroclor-1262	ND		13.3	5.32
Aroclor-1268	ND		13.3	5.32
PCBs	1300		13.3	5.32

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 03698-025
Client ID: W-41S_(4.0)
Date Received: 04/23/2013
Date Extracted: 04/28/2013
Date Analyzed: 05/03/2013
Data file: Y7973.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 24.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		5.28	2.11
Aroclor-1221	ND		5.28	2.11
Aroclor-1232	ND		5.28	2.11
Aroclor-1242	ND		5.28	2.11
Aroclor-1248	ND		5.28	2.11
Aroclor-1254	ND		5.28	2.11
Aroclor-1260	502		5.28	2.11
Aroclor-1262	ND		5.28	2.11
Aroclor-1268	ND		5.28	2.11
PCBs	502		5.28	2.11

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 03698-026

Client ID: W-41W_(0-2)

Date Received: 04/23/2013

Date Extracted: 04/28/2013

Date Analyzed: 05/03/2013

Data file: Y7974.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.00g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 250

% Moisture: 29.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		14.1	5.63
Aroclor-1221	ND		14.1	5.63
Aroclor-1232	ND		14.1	5.63
Aroclor-1242	ND		14.1	5.63
Aroclor-1248	ND		14.1	5.63
Aroclor-1254	546		14.1	5.63
Aroclor-1260	752		14.1	5.63
Aroclor-1262	ND		14.1	5.63
Aroclor-1268	ND		14.1	5.63
PCBs	1300		14.1	5.63

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 03698-027
Client ID: W-41W_(4.0)
Date Received: 04/23/2013
Date Extracted: 04/28/2013
Date Analyzed: 05/03/2013
Data file: Y7975.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 250
% Moisture: 54.2

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		21.8	8.73
Aroclor-1221	ND		21.8	8.73
Aroclor-1232	ND		21.8	8.73
Aroclor-1242	ND		21.8	8.73
Aroclor-1248	ND		21.8	8.73
Aroclor-1254	ND		21.8	8.73
Aroclor-1260	1350		21.8	8.73
Aroclor-1262	ND		21.8	8.73
Aroclor-1268	ND		21.8	8.73
PCBs	1350		21.8	8.73

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 03698-028

Client ID: W-40W_(0-2

Date Received: 04/23/2013

Date Extracted: 04/28/2013

Date Analyzed: 05/03/2013

Data file: Y7976.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.00g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 500

% Moisture: 31.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		29.0	11.6
Aroclor-1221	ND		29.0	11.6
Aroclor-1232	ND		29.0	11.6
Aroclor-1242	ND		29.0	11.6
Aroclor-1248	ND		29.0	11.6
Aroclor-1254	ND		29.0	11.6
Aroclor-1260	651		29.0	11.6
Aroclor-1262	ND		29.0	11.6
Aroclor-1268	ND		29.0	11.6
PCBs	651		29.0	11.6

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 03698-029
Client ID: W-40W_(2.0
Date Received: 04/23/2013
Date Extracted: 04/28/2013
Date Analyzed: 05/03/2013
Data file: Y7980.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 2000
% Moisture: 26.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		109	43.7
Aroclor-1221	ND		109	43.7
Aroclor-1232	ND		109	43.7
Aroclor-1242	ND		109	43.7
Aroclor-1248	ND		109	43.7
Aroclor-1254	ND		109	43.7
Aroclor-1260	8050		109	43.7
Aroclor-1262	ND		109	43.7
Aroclor-1268	ND		109	43.7
PCBs	8050		109	43.7

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 03698-030
Client ID: W-40W_(4.0
Date Received: 04/23/2013
Date Extracted: 04/28/2013
Date Analyzed: 05/03/2013
Data file: Y7981.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.03g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 500
% Moisture: 29.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		28.0	11.2
Aroclor-1221	ND		28.0	11.2
Aroclor-1232	ND		28.0	11.2
Aroclor-1242	ND		28.0	11.2
Aroclor-1248	ND		28.0	11.2
Aroclor-1254	ND		28.0	11.2
Aroclor-1260	1990		28.0	11.2
Aroclor-1262	ND		28.0	11.2
Aroclor-1268	ND		28.0	11.2
PCBs	1990		28.0	11.2

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 03698-031
Client ID: W-40W_(6.0
Date Received: 04/23/2013
Date Extracted: 04/28/2013
Date Analyzed: 05/03/2013
Data file: Y7919.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.58g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 23.9

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.047	0.019
Aroclor-1221	ND		0.047	0.019
Aroclor-1232	ND		0.047	0.019
Aroclor-1242	2.15		0.047	0.019
Aroclor-1248	ND		0.047	0.019
Aroclor-1254	ND		0.047	0.019
Aroclor-1260	3.18		0.047	0.019
Aroclor-1262	ND		0.047	0.019
Aroclor-1268	ND		0.047	0.019
PCBs	5.33		0.047	0.019

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 03698-032

Client ID: V-39E_(0-2)

Date Received: 04/23/2013

Date Extracted: 04/28/2013

Date Analyzed: 05/03/2013

Data file: Y7982.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.13g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 200

% Moisture: 27.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		10.8	4.31
Aroclor-1221	ND		10.8	4.31
Aroclor-1232	ND		10.8	4.31
Aroclor-1242	ND		10.8	4.31
Aroclor-1248	ND		10.8	4.31
Aroclor-1254	ND		10.8	4.31
Aroclor-1260	1230		10.8	4.31
Aroclor-1262	ND		10.8	4.31
Aroclor-1268	ND		10.8	4.31
PCBs	1230		10.8	4.31

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 03698-033
Client ID: V-39E_(4.0
Date Received: 04/23/2013
Date Extracted: 04/28/2013
Date Analyzed: 05/03/2013
Data file: Y7921.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.02g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 81.9

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.220	0.088
Aroclor-1221	ND		0.220	0.088
Aroclor-1232	ND		0.220	0.088
Aroclor-1242	ND		0.220	0.088
Aroclor-1248	ND		0.220	0.088
Aroclor-1254	ND		0.220	0.088
Aroclor-1260	3.60		0.220	0.088
Aroclor-1262	ND		0.220	0.088
Aroclor-1268	ND		0.220	0.088
PCBs	3.60		0.220	0.088

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 03698-034

Client ID: FB-75

Date Received: 04/23/2013

Date Extracted: 04/30/2013

Date Analyzed: 05/02/2013

Data file: R9456.D

GC Column: DB-5/DB1701P

Sample wt/vol: 1000ml

Matrix-Units: Aqueous-mg/L (ppm)

Dilution Factor: 1

% Moisture: 100

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.00005	0.00002
Aroclor-1221	ND		0.00005	0.00002
Aroclor-1232	ND		0.00005	0.00002
Aroclor-1242	ND		0.00005	0.00002
Aroclor-1248	ND		0.00005	0.00002
Aroclor-1254	ND		0.00005	0.00002
Aroclor-1260	ND		0.00005	0.00002
Aroclor-1262	ND		0.00005	0.00002
Aroclor-1268	ND		0.00005	0.00002
PCBs	ND		0.00005	0.00002

PCB DATA

E13-03698 0049

PCB QC SUMMARY

E13-03698 0050

PCB SURROGATE PERCENT RECOVERY SUMMARY

Date Analyzed: 04/26/2013

Client ID	Lab	Sample ID	Matrix	TCMX 1		DCB 1		TCMX 2		DCB 2	
				% rec	#	% rec	#	% rec	#	% rec	#
PCB		BLKA130425-08	AQUEOUS	84		77		78		81	
FB-1		03600-001	AQUEOUS	84		88		80		98	
FB-2		03600-002	AQUEOUS	86		87		84		92	
TWP1		03600-013	AQUEOUS	72		91		79		104	
TWP101		03600-015	AQUEOUS	70		95		75		113	
TWP2		03600-017	AQUEOUS	89		96		88		121	
PCB		03600-013MS	AQUEOUS	75		93		75		112	
PCB		03600-013MSD	AQUEOUS	78		95		78		116	
PCB		LCSA130425-08	AQUEOUS	84		89		82		97	

Surrogate QC Limits

Soil

Aqueous

TCMX = Tetrachloro-m-xylene

30-150

30-150

DCB = Decachlorobiphenyl

30-150

30-150

Column to be used to flag recovery values

* Values outside of QC limits

D Surrogate diluted out

M Matrix interference

PCB SURROGATE PERCENT RECOVERY SUMMARY

Date Analyzed: 05/02/2013

Client ID	Lab	Sample ID	Matrix	TCMX 1		DCB 1		TCMX 2		DCB 2	
				% rec	#	% rec	#	% rec	#	% rec	#
PCB		BLKA130430-13	AQUEOUS	84		90		81		89	
EFF-END		03763-003	AQUEOUS	54		89		53		85	
TW-GARAGE-		03780-006	AQUEOUS	49		81		44		78	
TW-PL-1/4.		03780-008	AQUEOUS	57		72		55		70	
TW-PL-3/4.		03780-010	AQUEOUS	64		81		63		77	
FB-75		03698-034	AQUEOUS	64		88		63		80	
EFF-MID		03763-002	AQUEOUS	60		100		59		90	
PCB		LCSA130430-13	AQUEOUS	84		100		81		95	

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene

DCB = Decachlorobiphenyl

Soil

30-150

Aqueous

30-150

30-150

Column to be used to flag recovery values

* Values outside of QC limits

D Surrogate diluted out

M Matrix interference

PCB SURROGATE PERCENT RECOVERY SUMMARY

Date Analyzed: 05/02/2013

Client ID	Sample ID	Matrix	TCMX 1		DCB 1		TCMX 2		DCB 2	
			% rec	#	% rec	#	% rec	#	% rec	#
PCB	BLKS130428-03	SOIL	83		85		74		74	
X-40W_(4.0	03698-011	SOIL	80		140		88		125	
X-40W_(6.0	03698-012	SOIL	82		91		76		78	
W-37E_(4.0	03698-014	SOIL	85		120		90		110	
W-36S_(4.0	03698-015	SOIL	90		130		95		123	
W-38N_(0-2	03698-016	SOIL	81		113		77		141	
W-38S_(0-2	03698-018	SOIL	75		148		83		108	
PCB	LCSS130428-03	SOIL	86		75		74		78	
X-41W_(0-2	03698-009	SOIL	92		89		82		90	
X-40W_(0-2	03698-010	SOIL	0	D	0	D	0	D	0	D
W-37E_(2.0	03698-013	SOIL	0	D	0	D	0	D	0	D
W-38N_(4.0	03698-017	SOIL	0	D	0	D	0	D	0	D
W-40N_(0-2	03698-019	SOIL	0	D	0	D	0	D	0	D
W-40N_(4.0	03698-020	SOIL	0	D	0	D	0	D	0	D
W-40N_(6.0	03698-021	SOIL	85		90		78		87	
W-40S_(6.0	03698-022	SOIL	92		90		80		91	
W-41S_(0-2	03698-023	SOIL	60		66		69		81	
W-41S_(2.0	03698-024	SOIL	0	D	0	D	0	D	0	D
W-41S_(4.0	03698-025	SOIL	0	D	0	D	0	D	0	D
W-41W_(0-2	03698-026	SOIL	0	D	0	D	0	D	0	D
W-41W_(4.0	03698-027	SOIL	0	D	0	D	0	D	0	D
W-40W_(0-2	03698-028	SOIL	0	D	0	D	0	D	0	D
PCB	03698-028MS	SOIL	0	D	0	D	0	D	0	D
PCB	03698-028MSD	SOIL	0	D	0	D	0	D	0	D

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene

DCB = Decachlorobiphenyl

Soil

30-150

Aqueous

30-150

30-150

Column to be used to flag recovery values

* Values outside of QC limits

D Surrogate diluted out

M Matrix interference

PCB SURROGATE PERCENT RECOVERY SUMMARY

Date Analyzed: 05/02/2013

Client ID	Sample ID	Matrix	TCMX 1		DCB 1		TCMX 2		DCB 2	
			% rec	#	% rec	#	% rec	#	% rec	#
PCB	BLKS130428-02	SOIL	79		96		74		80	
X-41E_(2.0	03661-035	SOIL	85		113		82		91	
X-41E_(4.0	03661-036	SOIL	100		134		98		112	
X-40E_(0-2	03661-037	SOIL	0	D	0	D	0	D	0	D
X-40E_(2.0	03661-038	SOIL	0	D	0	D	0	D	0	D
X-40E_(4.0	03661-039	SOIL	0	D	0	D	0	D	0	D
X-39E_(0-2	03661-040	SOIL	77		137		79		127	
X-39E_(6.0	03661-043	SOIL	89		107		94		112	
X-38E_(4.0	03661-046	SOIL	82		102		93		115	
X-38N_(4.0	03698-003	SOIL	76		73		81		93	
X-41S_(4.0	03698-008	SOIL	93		92		96		132	
PCB	03698-008MS	SOIL	94		97		95		106	
PCB	03698-008MSD	SOIL	92		101		93		99	
PCB	LCSS130428-02	SOIL	78		79		73		80	
X-39E_(2.0	03661-041	SOIL	0	D	0	D	0	D	0	D
X-39E_(4.0	03661-042	SOIL	0	D	0	D	0	D	0	D
X-38E_(0-2	03661-044	SOIL	0	D	0	D	0	D	0	D
X-38E_(2.0	03661-045	SOIL	0	D	0	D	0	D	0	D
X-38N_(0-2	03698-001	SOIL	0	D	0	D	0	D	0	D
X-38N_(2.0	03698-002	SOIL	0	D	0	D	0	D	0	D
X-38S_(0-2	03698-004	SOIL	82		94		79		105	
X-40S_(4.0	03698-005	SOIL	0	D	0	D	0	D	0	D
X-41S_(0-2	03698-006	SOIL	84		129		83		138	
X-41S_(2.0	03698-007	SOIL	86		109		87		113	

Surrogate QC Limits

Soil

30-150

Aqueous

30-150

TCMX = Tetrachloro-m-xylene

30-150

DCB = Decachlorobiphenyl

30-150

Column to be used to flag recovery values

* Values outside of QC limits

D Surrogate diluted out

M Matrix interference

PCB SURROGATE PERCENT RECOVERY SUMMARY

Date Analyzed: 05/03/2013

Client ID	Sample ID	Matrix	TCMX 1		DCB 1		TCMX 2		DCB 2	
			% rec	#	% rec	#	% rec	#	% rec	#
PCB	BLKS130428-04	SOIL	81		88		71		81	
W-40W_(6.0	03698-031	SOIL	76		89		72		93	
V-39E_(4.0	03698-033	SOIL	81		109		92		108	
WC-1	03732-001	SOIL	80		86		73		83	
T-35N_(0-2	03750-002	SOIL	75		79		69		76	
V-37N_(4.0	03750-003	SOIL	75		88		74		87	
V-38N_(4.0	03750-005	SOIL	82		111		84		110	
V-41S_(0-2	03750-010	SOIL	72		76		70		85	
V-41S_(2.0	03750-011	SOIL	0	D	0	D	0	D	0	D
PCB	03732-001MS	SOIL	78		85		71		78	
PCB	03732-001MSD	SOIL	79		77		71		82	
PCB	LCSS130428-04	SOIL	80		81		70		77	
W-40W_(2.0	03698-029	SOIL	0	D	0	D	0	D	0	D
W-40W_(4.0	03698-030	SOIL	0	D	0	D	0	D	0	D
V-39E_(0-2	03698-032	SOIL	0	D	0	D	0	D	0	D
V-36N_(2.0	03750-001	SOIL	94		106		85		102	
V-38N_(0-2	03750-004	SOIL	0	D	0	D	0	D	0	D
V-39S_(0-2	03750-006	SOIL	0	D	0	D	0	D	0	D
V-39S_(2.0	03750-007	SOIL	0	D	0	D	0	D	0	D
V-40S_(0-2	03750-008	SOIL	0	D	0	D	0	D	0	D
V-40S_(2.0	03750-009	SOIL	0	D	0	D	0	D	0	D
V-41S_(4.0	03750-012	SOIL	103		110		95		105	
V-42E_(2.0	03750-013	SOIL	0	D	0	D	0	D	0	D
V-42E_(4.0	03750-014	SOIL	0	D	0	D	0	D	0	D

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene

DCB = Decachlorobiphenyl

Soil

30-150

Aqueous

30-150

30-150

Column to be used to flag recovery values

* Values outside of QC limits

D Surrogate diluted out

M Matrix interference

AQUEOUS PCB LCS ACCURACY RECOVERY

Matrix spike Lab sample ID: LCSA130430-13

Compound	SPIKE ADDED (ug/L)	SAMPLE CONC. (ug/L)	MS CONC. (ug/L)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	491.1	98	40 - 140
Aroclor-1260	500.0	0.0	532.9	107	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

Spike Recovery: 0 out of 2 outside limits

SOIL PCB LCS ACCURACY RECOVERY

Matrix spike Lab sample ID:

LCSS130428-03

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	522.1	104	40 - 140
Aroclor-1260	500.0	0.0	564.6	113	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

Spike Recovery: 0 out of 2 outside limits

SOIL PCB LCS ACCURACY RECOVERY

Matrix spike Lab sample ID:

LCSS130428-02

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	490.2	98	40 - 140
Aroclor-1260	500.0	0.0	502.6	101	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

Spike Recovery: 0 out of 2 outside limits

SOIL PCB LCS ACCURACY RECOVERY

Matrix spike Lab sample ID: LCSS130428-04

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	472.7	95	40 - 140
Aroclor-1260	500.0	0.0	524.0	105	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

Spike Recovery: 0 out of 2 outside limits

AQUEOUS PCB MS/MSD ACCURACY RECOVERY

Matrix spike Lab sample ID: 03600-013

Compound	SPIKE ADDED (ug/L)	SAMPLE CONC. (ug/L)	MS CONC. (ug/L)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	406.5	81	40 - 140
Aroclor-1260	500.0	0.0	446.4	89	40 - 140

Compound	SAMPLE CONC. (ug/L)	MSD CONC. (ug/L)	MSD #	% REC	% RPD #	QC LIMITS RPD	REC.
Aroclor-1016	0.0	417.6	84	4	50	40 - 140	
Aroclor-1260	0.0	466.1	93	4	50	40 - 140	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

RPD: 0 out of 2 outside limits

Spike Recovery: 0 out of 4 outside limits

SOIL PCB MS/MSD ACCURACY RECOVERY

Matrix spike Lab sample ID: 03698-028

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	NC	NC	40 - 140
Aroclor-1260	500.0	112100.0	NC	NC	40 - 140

Compound	SAMPLE CONC. (ug/Kg)	MSD CONC. (ug/Kg)	MSD #	% REC	% RPD	QC LIMITS RPD	REC.
Aroclor-1016	0.0	NC	NC	NC	50	40 - 140	
Aroclor-1260	112100.0	NC	NC	NC	50	40 - 140	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

RPD: 2 out of 2 outside limits

Spike Recovery: 4 out of 4 outside limits

SOIL PCB MS/MSD ACCURACY RECOVERY

Matrix spike Lab sample ID: 03698-008

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	611.0	122	40 - 140
Aroclor-1260	500.0	0.0	616.3	123	40 - 140

Compound	SAMPLE CONC. (ug/Kg)	MSD CONC. (ug/Kg)	MSD #	% REC	% RPD #	QC LIMITS RPD	REC.
Aroclor-1016	0.0	567.3	113	8	50	40 - 140	
Aroclor-1260	0.0	595.1	119	3	50	40 - 140	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

RPD: 0 out of 2 outside limits

Spike Recovery: 0 out of 4 outside limits

SOIL PCB MS/MSD ACCURACY RECOVERY

Matrix spike Lab sample ID: 03732-001

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	462.5	93	40 - 140
Aroclor-1260	500.0	0.0	513.7	103	40 - 140

Compound	SAMPLE CONC. (ug/Kg)	MSD CONC. (ug/Kg)	MSD % # REC	% RPD #	QC LIMITS RPD	REC.
Aroclor-1016	0.0	464.6	93	0	50	40 - 140
Aroclor-1260	0.0	526.6	105	2	50	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

RPD: 0 out of 2 outside limits

Spike Recovery: 0 out of 4 outside limits

PCB METHOD BLANK SUMMARY

Lab File ID: Y7569.D

Instrument ID: GC-Y

Date Extracted: 04/25/2013

Matrix: AQUEOUS

Date Analyzed: 04/26/2013

Time Analyzed: 08:46

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS or LCSD, MS or MSD:

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
FB-1	03600-001	04/26/2013	09:03
FB-2	03600-002	04/26/2013	09:20
TWP1	03600-013	04/26/2013	09:37
TWP101	03600-015	04/26/2013	09:55
TWP2	03600-017	04/26/2013	10:12
PCB	03600-013MS	04/26/2013	10:29
PCB	03600-013MSD	04/26/2013	10:46
PCB	LCSA130425-08	04/26/2013	11:03

PCB METHOD BLANK SUMMARY

Lab File ID: R9451.D Instrument ID: GC-R
Date Extracted: 04/30/2013 Matrix: AQUEOUS
Date Analyzed: 05/02/2013 Time Analyzed: 03:04

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS or LCSD, MS or MSD:

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
EFF-END	03763-003	05/02/2013	03:21
TW-GARAGE-	03780-006	05/02/2013	03:38
TW-PL-1/4.	03780-008	05/02/2013	03:56
TW-PL-3/4.	03780-010	05/02/2013	04:13
FB-75	03698-034	05/02/2013	04:31
EFF-MID	03763-002	05/02/2013	05:06
PCB	LCSA130430-13	05/02/2013	05:23

PCB METHOD BLANK SUMMARY

Lab File ID: Y7890.D Instrument ID: GC-Y

Date Extracted: 04/28/2013 Matrix: SOIL

Date Analyzed: 05/02/2013 Time Analyzed: 15:46

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS or LCSD, MS or MSD:

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
X-40W_(4.0	03698-011	05/02/2013	16:54
X-40W_(6.0	03698-012	05/02/2013	17:20
W-37E_(4.0	03698-014	05/02/2013	17:54
W-36S_(4.0	03698-015	05/02/2013	18:11
W-38N_(0-2	03698-016	05/02/2013	18:28
W-38S_(0-2	03698-018	05/02/2013	19:03
PCB	LCSS130428-03	05/03/2013	14:32
X-41W_(0-2	03698-009	05/03/2013	14:50
X-40W_(0-2	03698-010	05/03/2013	15:14
W-37E_(2.0	03698-013	05/03/2013	16:11
W-38N_(4.0	03698-017	05/03/2013	16:28
W-40N_(0-2	03698-019	05/03/2013	16:56
W-40N_(4.0	03698-020	05/03/2013	17:13
W-40N_(6.0	03698-021	05/03/2013	17:30
W-40S_(6.0	03698-022	05/03/2013	17:48
W-41S_(0-2	03698-023	05/03/2013	18:05
W-41S_(2.0	03698-024	05/03/2013	18:22
W-41S_(4.0	03698-025	05/03/2013	18:39
W-41W_(0-2	03698-026	05/03/2013	18:56
W-41W_(4.0	03698-027	05/03/2013	19:13
W-40W_(0-2	03698-028	05/03/2013	19:31
PCB	03698-028MS	05/03/2013	19:48
PCB	03698-028MSD	05/03/2013	20:05

PCB METHOD BLANK SUMMARY

Lab File ID: Y7852.D Instrument ID: GC-Y

Date Extracted: 04/28/2013 Matrix: SOIL

Date Analyzed: 05/02/2013 Time Analyzed: 01:17

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS or LCSD, MS or MSD:

Client ID		Date Analyzed	Time Analyzed
X-41E_(2.0	03661-035	05/02/2013	01:34
X-41E_(4.0	03661-036	05/02/2013	01:51
X-40E_(0-2	03661-037	05/02/2013	02:08
X-40E_(2.0	03661-038	05/02/2013	02:26
X-40E_(4.0	03661-039	05/02/2013	02:43
X-39E_(0-2	03661-040	05/02/2013	03:00
X-39E_(6.0	03661-043	05/02/2013	03:51
X-38E_(4.0	03661-046	05/02/2013	04:43
X-38N_(4.0	03698-003	05/02/2013	05:34
X-41S_(4.0	03698-008	05/02/2013	07:00
PCB	03698-008MS	05/02/2013	07:17
PCB	03698-008MSD	05/02/2013	07:35
PCB	LCSS130428-02	05/02/2013	08:09
X-39E_(2.0	03661-041	05/02/2013	10:44
X-39E_(4.0	03661-042	05/02/2013	11:01
X-38E_(0-2	03661-044	05/02/2013	11:18
X-38E_(2.0	03661-045	05/02/2013	11:35
X-38N_(0-2	03698-001	05/02/2013	11:53
X-38N_(2.0	03698-002	05/02/2013	12:10
X-38S_(0-2	03698-004	05/02/2013	12:27
X-40S_(4.0	03698-005	05/02/2013	12:44
X-41S_(0-2	03698-006	05/02/2013	13:01
X-41S_(2.0	03698-007	05/02/2013	13:18

PCB METHOD BLANK SUMMARY

Lab File ID: Y7916.D Instrument ID: GC-Y

Date Extracted: 04/28/2013 Matrix: SOIL

Date Analyzed: 05/03/2013 Time Analyzed: 00:12

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS or LCSD, MS or MSD:

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
W-40W_(6.0	03698-031	05/03/2013	01:04
V-39E_(4.0	03698-033	05/03/2013	01:38
WC-1	03732-001	05/03/2013	01:55
T-35N_(0-2	03750-002	05/03/2013	02:30
V-37N_(4.0	03750-003	05/03/2013	02:47
V-38N_(4.0	03750-005	05/03/2013	03:21
V-41S_(0-2	03750-010	05/03/2013	04:47
V-41S_(2.0	03750-011	05/03/2013	05:04
PCB	03732-001MS	05/03/2013	06:13
PCB	03732-001MSD	05/03/2013	06:30
PCB	LCSS130428-04	05/03/2013	06:47
W-40W_(2.0	03698-029	05/03/2013	20:56
W-40W_(4.0	03698-030	05/03/2013	21:14
V-39E_(0-2	03698-032	05/03/2013	21:31
V-36N_(2.0	03750-001	05/03/2013	21:48
V-38N_(0-2	03750-004	05/03/2013	22:05
V-39S_(0-2	03750-006	05/03/2013	22:22
V-39S_(2.0	03750-007	05/03/2013	22:39
V-40S_(0-2	03750-008	05/03/2013	22:57
V-40S_(2.0	03750-009	05/03/2013	23:14
V-41S_(4.0	03750-012	05/03/2013	23:31
V-42E_(2.0	03750-013	05/03/2013	23:48
V-42E_(4.0	03750-014	05/04/2013	00:06

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 04/17/2013

Instrument ID: GC-Y
GC Column (1st): DB-5

Data File: Y7377.D Y7376.D Y7375.D Y7374.D Y7373.D

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1016	3.25	3.25	3.25	3.25	3.25	3.25	3.18	3.32
Aroclor-1016 {2}	4.08	4.08	4.08	4.08	4.08	4.08	4.01	4.15
Aroclor-1016 {3}	4.63	4.63	4.63	4.63	4.63	4.63	4.56	4.70
Aroclor-1016 {4}	5.13	5.13	5.13	5.13	5.13	5.13	5.06	5.20
Aroclor-1016 {5}	5.52	5.52	5.52	5.52	5.52	5.52	5.45	5.59
Aroclor-1221			2.16				2.09	2.23
Aroclor-1221 {2}			3.05				2.98	3.12
Aroclor-1221 {3}			3.18				3.11	3.25
Aroclor-1221 {4}			3.25				3.18	3.32
Aroclor-1221 {5}			3.84				3.77	3.91
Aroclor-1232			3.25				3.18	3.32
Aroclor-1232 {2}			4.08				4.01	4.15
Aroclor-1232 {3}			4.74				4.67	4.81
Aroclor-1232 {4}			5.33				5.26	5.40
Aroclor-1232 {5}			5.53				5.46	5.60
Aroclor-1242			4.08				4.01	4.15
Aroclor-1242 {2}			5.01				4.94	5.08
Aroclor-1242 {3}			5.33				5.26	5.40
Aroclor-1242 {4}			6.03				5.96	6.10
Aroclor-1242 {5}			6.31				6.24	6.38
Aroclor-1248			4.48				4.40	4.56
Aroclor-1248 {2}			5.01				4.93	5.09
Aroclor-1248 {3}			5.33				5.25	5.41
Aroclor-1248 {4}			6.03				5.95	6.11
Aroclor-1248 {5}			6.31				6.23	6.39
Aroclor-1254			6.42				6.34	6.50
Aroclor-1254 {2}			6.86				6.78	6.94
Aroclor-1254 {3}			7.02				6.93	7.11
Aroclor-1254 {4}			7.47				7.38	7.56
Aroclor-1254 {5}			8.31				8.22	8.40
Aroclor-1260	8.31	8.31	8.30	8.30	8.30	8.30	7.40	9.20
Aroclor-1260 {2}	8.98	8.97	8.97	8.97	8.97	8.97	8.07	9.87
Aroclor-1260 {3}	9.46	9.46	9.45	9.45	9.45	9.45	8.55	10.35
Aroclor-1260 {4}	9.95	9.94	9.94	9.93	9.93	9.94	9.04	10.84
Aroclor-1260 {5}	10.99	10.99	10.99	10.99	10.99	10.99	10.09	11.89

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed:

04/17/2013

Instrument ID:

GC-Y

GC Column (1st):

DB-5

Data File:

Y7377.D Y7376.D Y7375.D Y7374.D Y7373.D

Compound	CALIBRATION FACTORS					MEAN	%RSD
	10	50	500	1000	2000		
Aroclor-1016	2134111	1997870	1967551	1954564	1891952	1989210	4.51
Aroclor-1016 {2}	2966088	2815668	2862095	2801985	2758385	2840844	2.79
Aroclor-1016 {3}	4380732	3888338	3866838	3959107	3721663	3963335	6.28
Aroclor-1016 {4}	2179240	2136778	2098177	2053415	1962463	2086015	3.99
Aroclor-1016 {5}	3957114	3153508	3264967	3248364	3225745	3369940	9.82
Aroclor-1221			672894				
Aroclor-1221 {2}			1238291				
Aroclor-1221 {3}			796609				
Aroclor-1221 {4}			2905015				
Aroclor-1221 {5}			411778				
Aroclor-1232			1886346				
Aroclor-1232 {2}			1072566				
Aroclor-1232 {3}			949665				
Aroclor-1232 {4}			1048873				
Aroclor-1232 {5}			1431787				
Aroclor-1242			2237271				
Aroclor-1242 {2}			1442244				
Aroclor-1242 {3}			1983207				
Aroclor-1242 {4}			3399854				
Aroclor-1242 {5}			2846996				
Aroclor-1248			4502969				
Aroclor-1248 {2}			2724136				
Aroclor-1248 {3}			3608345				
Aroclor-1248 {4}			6255399				
Aroclor-1248 {5}			3943446				
Aroclor-1254			6552129				
Aroclor-1254 {2}			4076540				
Aroclor-1254 {3}			8138124				
Aroclor-1254 {4}			5370388				
Aroclor-1254 {5}			7798856				
Aroclor-1260	6727971	8877763	9876337	9785491	9629625	8979437	14.69
Aroclor-1260 {2}	3471909	4070519	4448643	4325169	4366645	4136577	9.61
Aroclor-1260 {3}	9734362	11797260	13317378	13306882	12874777	12206132	12.40
Aroclor-1260 {4}	4946593	5298512	5806544	5947609	5929075	5585667	7.95
Aroclor-1260 {5}	2313432	2842494	2923739	2870346	3000689	2790140	9.79
Average %RSD						8.18	

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 04/17/2013

Instrument ID: GC-Y
GC Column (2nd): DB-1701P

Data File: Y7377.C Y7376.C Y7375.C Y7374.C Y7373.C

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1016	3.73	3.72	3.73	3.72	3.72	3.73	3.66	3.80
Aroclor-1016 {2}	4.32	4.32	4.32	4.32	4.32	4.32	4.25	4.39
Aroclor-1016 {3}	5.07	5.06	5.06	5.06	5.06	5.06	4.99	5.13
Aroclor-1016 {4}	5.27	5.27	5.27	5.27	5.27	5.27	5.20	5.34
Aroclor-1016 {5}	5.44	5.44	5.44	5.44	5.44	5.44	5.37	5.51
Aroclor-1221			2.42				2.35	2.49
Aroclor-1221 {2}			3.40				3.33	3.47
Aroclor-1221 {3}			3.63				3.56	3.70
Aroclor-1221 {4}			3.73				3.66	3.80
Aroclor-1221 {5}			5.06				4.99	5.13
Aroclor-1232			3.73				3.66	3.80
Aroclor-1232 {2}			4.69				4.62	4.76
Aroclor-1232 {3}			5.27				5.20	5.34
Aroclor-1232 {4}			5.44				5.37	5.51
Aroclor-1232 {5}			6.04				5.97	6.11
Aroclor-1242			4.69				4.62	4.76
Aroclor-1242 {2}			5.44				5.37	5.51
Aroclor-1242 {3}			6.03				5.96	6.10
Aroclor-1242 {4}			6.19				6.12	6.26
Aroclor-1242 {5}			6.74				6.67	6.81
Aroclor-1248			5.06				4.98	5.14
Aroclor-1248 {2}			5.64				5.56	5.72
Aroclor-1248 {3}			6.04				5.96	6.12
Aroclor-1248 {4}			6.19				6.11	6.27
Aroclor-1248 {5}			6.54				6.46	6.62
Aroclor-1254			7.03				6.95	7.11
Aroclor-1254 {2}			7.61				7.53	7.69
Aroclor-1254 {3}			8.24				8.15	8.33
Aroclor-1254 {4}			8.45				8.36	8.54
Aroclor-1254 {5}			9.04				8.95	9.13
Aroclor-1260	7.79	7.79	7.79	7.79	7.79	7.79	6.89	8.69
Aroclor-1260 {2}	8.05	8.04	8.04	8.04	8.04	8.04	7.14	8.94
Aroclor-1260 {3}	9.63	9.63	9.63	9.63	9.63	9.63	8.73	10.53
Aroclor-1260 {4}	10.14	10.14	10.14	10.14	10.14	10.14	9.24	11.04
Aroclor-1260 {5}	10.73	10.73	10.72	10.72	10.72	10.72	9.82	11.62

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 04/17/2013

Instrument ID: GC-Y
GC Column (2nd): DB-1701P

Data File: Y7377.C Y7376.C Y7375.C Y7374.C Y7373.C

Compound	CALIBRATION FACTORS					MEAN	%RSD
	10	50	500	1000	2000		
Aroclor-1016	631662	691572	561579	531873	495035	582344	13.57
Aroclor-1016 {2}	1324904	1406551	1163286	1095367	1021148	1202251	13.32
Aroclor-1016 {3}	2857519	2900738	2521452	2413812	2290462	2596797	10.43
Aroclor-1016 {4}	1334969	1360425	1109688	1036701	979061	1164169	14.95
Aroclor-1016 {5}	1047445	1024840	853887	810670	767729	900914	14.14
Aroclor-1221			236027				
Aroclor-1221 {2}			327658				
Aroclor-1221 {3}			235991				
Aroclor-1221 {4}			808364				
Aroclor-1221 {5}			147180				
Aroclor-1232			539619				
Aroclor-1232 {2}			205050				
Aroclor-1232 {3}			450201				
Aroclor-1232 {4}			339998				
Aroclor-1232 {5}			480743				
Aroclor-1242			403643				
Aroclor-1242 {2}			679481				
Aroclor-1242 {3}			902082				
Aroclor-1242 {4}			755076				
Aroclor-1242 {5}			1443012				
Aroclor-1248			1244705				
Aroclor-1248 {2}			2013634				
Aroclor-1248 {3}			1425642				
Aroclor-1248 {4}			1291512				
Aroclor-1248 {5}			680383				
Aroclor-1254			1765742				
Aroclor-1254 {2}			1416680				
Aroclor-1254 {3}			1286171				
Aroclor-1254 {4}			873683				
Aroclor-1254 {5}			2051542				
Aroclor-1260	978684	1161451	998063	930672	893116	992397	10.38
Aroclor-1260 {2}	1646604	1811641	1557995	1442946	1365879	1565013	11.16
Aroclor-1260 {3}	1385303	1513423	1360535	1307341	1249998	1363320	7.24
Aroclor-1260 {4}	2703017	3299037	3027831	2942027	2785237	2951430	7.87
Aroclor-1260 {5}	1906770	2406307	2216845	2141355	2016926	2137641	8.95
Average %RSD							11.20

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 04/17/2013

Instrument ID: GC-Y
GC Column (1st): DB-5

Data File: Y7377.D Y7376.D Y7375.D Y7374.D Y7373.D

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1262			8.59				8.47	8.71
Aroclor-1262 {2}			9.45				9.33	9.57
Aroclor-1262 {3}			10.08				9.96	10.20
Aroclor-1262 {4}			10.17				10.05	10.29
Aroclor-1262 {5}			10.99				10.87	11.11
Aroclor-1268			10.08				9.96	10.20
Aroclor-1268 {2}			10.16				10.04	10.28
Aroclor-1268 {3}			10.62				10.50	10.74
Aroclor-1268 {4}			10.75				10.63	10.87
Aroclor-1268 {5}			11.59				11.47	11.71

GC Column (2nd): DB-1701P

Data File: Y7377.C Y7376.C Y7375.C Y7374.C Y7373.C

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1262			9.63				9.51	9.75
Aroclor-1262 {2}			10.14				10.02	10.26
Aroclor-1262 {3}			10.63				10.51	10.75
Aroclor-1262 {4}			10.72				10.60	10.84
Aroclor-1262 {5}			11.32				11.20	11.44
Aroclor-1268			10.63				10.51	10.75
Aroclor-1268 {2}			10.71				10.59	10.83
Aroclor-1268 {3}			10.96				10.84	11.08
Aroclor-1268 {4}			11.10				10.98	11.22
Aroclor-1268 {5}			12.18				12.06	12.30

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 04/17/2013 Instrument ID: GC-Y
 GC Column (1st): DB-5

Data File: Y7377.D Y7376.D Y7375.D Y7374.D Y7373.D

Compound	CALIBRATION FACTORS					MEAN	%RSD
	10	50	500	1000	2000		
Aroclor-1262			8274685				
Aroclor-1262 {2}			17337534				
Aroclor-1262 {3}			6288049				
Aroclor-1262 {4}			8890002				
Aroclor-1262 {5}			5889328				
Aroclor-1268			17049129				
Aroclor-1268 {2}			23037290				
Aroclor-1268 {3}			16793619				
Aroclor-1268 {4}			4491494				
Aroclor-1268 {5}			55817450				

GC Column (2nd): DB-1701P

Data File: Y7377.C Y7376.C Y7375.C Y7374.C Y7373.C

Compound	CALIBRATION FACTORS					MEAN	%RSD
	10	50	500	1000	2000		
Aroclor-1262			1773727				
Aroclor-1262 {2}			4112172				
Aroclor-1262 {3}			1308101				
Aroclor-1262 {4}			2970964				
Aroclor-1262 {5}			645433				
Aroclor-1268			3756402				
Aroclor-1268 {2}			4381926				
Aroclor-1268 {3}			3388977				
Aroclor-1268 {4}			1030655				
Aroclor-1268 {5}			10199046				

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 04/26/2013

Instrument ID: GC-Y

Data File: Y7568.D

GC Column (1st): DB-5

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.24	3.18	3.32	1989210	2365445	18.91
Aroclor-1016 {2}	4.07	4.01	4.15	2840844	3199202	12.61
Aroclor-1016 {3}	4.62	4.56	4.70	3963335	4606459	16.23
Aroclor-1016 {4}	5.12	5.06	5.20	2086015	2319207	11.18
Aroclor-1016 {5}	5.52	5.45	5.59	3369940	3696269	9.68
Aroclor-1260	8.29	7.40	9.20	8979437	10690686	19.06
Aroclor-1260 {2}	8.96	8.07	9.87	4136577	4774534	15.42
Aroclor-1260 {3}	9.44	8.55	10.35	12206132	14227226	16.56
Aroclor-1260 {4}	9.92	9.04	10.84	5585667	6523214	16.78
Aroclor-1260 {5}	10.97	10.09	11.89	2790140	2964202	6.24
Average %D						14.27

Data File: Y7568.C

GC Column (2nd): DB-1701P

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.73	3.66	3.80	582344	644920	10.75
Aroclor-1016 {2}	4.32	4.25	4.39	1202251	1274262	5.99
Aroclor-1016 {3}	5.07	4.99	5.13	2596797	2900464	11.69
Aroclor-1016 {4}	5.27	5.20	5.34	1164169	1201787	3.23
Aroclor-1016 {5}	5.45	5.37	5.51	900914	957213	6.25
Aroclor-1260	7.79	6.89	8.69	992397	1096416	10.48
Aroclor-1260 {2}	8.04	7.14	8.94	1565013	1630322	4.17
Aroclor-1260 {3}	9.63	8.73	10.53	1363320	1517509	11.31
Aroclor-1260 {4}	10.13	9.24	11.04	2951430	3260733	10.48
Aroclor-1260 {5}	10.72	9.82	11.62	2137641	2375761	11.14
Average %D						8.55

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 04/26/2013

Instrument ID: GC-Y

Data File: Y7578.D

GC Column (1st): DB-5

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.25	3.18	3.32	1989210	2244141	12.82
Aroclor-1016 {2}	4.08	4.01	4.15	2840844	3032275	6.74
Aroclor-1016 {3}	4.63	4.56	4.70	3963335	4335717	9.40
Aroclor-1016 {4}	5.13	5.06	5.20	2086015	2419043	15.96
Aroclor-1016 {5}	5.53	5.45	5.59	3369940	3554249	5.47
Aroclor-1260	8.31	7.40	9.20	8979437	10762610	19.86
Aroclor-1260 {2}	8.97	8.07	9.87	4136577	4619243	11.67
Aroclor-1260 {3}	9.45	8.55	10.35	12206132	14254765	16.78
Aroclor-1260 {4}	9.94	9.04	10.84	5585667	6309812	12.96
Aroclor-1260 {5}	10.99	10.09	11.89	2790140	3298032	18.20
Average %D						12.99

Data File: Y7578.C

GC Column (2nd): DB-1701P

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.73	3.66	3.80	582344	625257	7.37
Aroclor-1016 {2}	4.32	4.25	4.39	1202251	1258747	4.70
Aroclor-1016 {3}	5.07	4.99	5.13	2596797	2818697	8.55
Aroclor-1016 {4}	5.27	5.20	5.34	1164169	1194327	2.59
Aroclor-1016 {5}	5.44	5.37	5.51	900914	939515	4.28
Aroclor-1260	7.79	6.89	8.69	992397	1050845	5.89
Aroclor-1260 {2}	8.04	7.14	8.94	1565013	1645239	5.13
Aroclor-1260 {3}	9.63	8.73	10.53	1363320	1496507	9.77
Aroclor-1260 {4}	10.13	9.24	11.04	2951430	3446592	16.78
Aroclor-1260 {5}	10.72	9.82	11.62	2137641	2521112	17.94
Average %D						8.30

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 04/17/2013

Instrument ID: GC-R

GC Column (1st): DB-5

Data File: R8905.D R8904.D R8903.D R8902.D R8901.D

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1016	3.22	3.22	3.22	3.22	3.22	3.22	3.15	3.29
Aroclor-1016 {2}	4.05	4.05	4.05	4.05	4.05	4.05	3.98	4.12
Aroclor-1016 {3}	4.60	4.60	4.60	4.60	4.60	4.60	4.53	4.67
Aroclor-1016 {4}	5.11	5.11	5.11	5.11	5.11	5.11	5.04	5.18
Aroclor-1016 {5}	5.50	5.50	5.50	5.50	5.50	5.50	5.43	5.57
Aroclor-1221			2.13				2.06	2.20
Aroclor-1221 {2}			3.02				2.95	3.09
Aroclor-1221 {3}			3.14				3.07	3.21
Aroclor-1221 {4}			3.22				3.15	3.29
Aroclor-1221 {5}			3.81				3.74	3.88
Aroclor-1232			3.22				3.15	3.29
Aroclor-1232 {2}			4.05				3.98	4.12
Aroclor-1232 {3}			4.71				4.64	4.78
Aroclor-1232 {4}			5.31				5.24	5.38
Aroclor-1232 {5}			5.50				5.43	5.57
Aroclor-1242			4.05				3.98	4.12
Aroclor-1242 {2}			4.99				4.92	5.06
Aroclor-1242 {3}			5.31				5.24	5.38
Aroclor-1242 {4}			6.01				5.94	6.08
Aroclor-1242 {5}			6.28				6.21	6.35
Aroclor-1248			4.45				4.37	4.53
Aroclor-1248 {2}			4.99				4.91	5.07
Aroclor-1248 {3}			5.31				5.23	5.39
Aroclor-1248 {4}			6.01				5.93	6.09
Aroclor-1248 {5}			6.28				6.20	6.36
Aroclor-1254			6.41				6.33	6.49
Aroclor-1254 {2}			6.84				6.76	6.92
Aroclor-1254 {3}			7.01				6.92	7.10
Aroclor-1254 {4}			7.45				7.36	7.54
Aroclor-1254 {5}			8.29				8.20	8.38
Aroclor-1260	8.29	8.29	8.29	8.29	8.29	8.29	7.39	9.19
Aroclor-1260 {2}	8.97	8.97	8.97	8.97	8.97	8.97	8.07	9.87
Aroclor-1260 {3}	9.45	9.45	9.45	9.45	9.45	9.45	8.55	10.35
Aroclor-1260 {4}	9.93	9.93	9.93	9.93	9.93	9.93	9.03	10.83
Aroclor-1260 {5}	10.99	10.99	10.99	10.99	10.99	10.99	10.09	11.89

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 04/17/2013 Instrument ID: GC-R
 GC Column (1st): DB-5

Data File: R8905.D R8904.D R8903.D R8902.D R8901.D

Compound	CALIBRATION FACTORS					MEAN	%RSD
	10	50	500	1000	2000		
Aroclor-1016	273388	262231	232321	216327	211748	239203	11.49
Aroclor-1016 {2}	355668	346400	312881	294629	287298	319375	9.56
Aroclor-1016 {3}	465937	440044	402716	378416	373098	412042	9.73
Aroclor-1016 {4}	209972	207662	184891	170691	168312	188306	10.51
Aroclor-1016 {5}	360579	333624	314804	298233	296099	320668	8.40
Aroclor-1221			94887				
Aroclor-1221 {2}			154466				
Aroclor-1221 {3}			94825				
Aroclor-1221 {4}			329982				
Aroclor-1221 {5}			71657				
Aroclor-1232			214046				
Aroclor-1232 {2}			121911				
Aroclor-1232 {3}			107288				
Aroclor-1232 {4}			114903				
Aroclor-1232 {5}			143470				
Aroclor-1242			219484				
Aroclor-1242 {2}			135896				
Aroclor-1242 {3}			188075				
Aroclor-1242 {4}			269670				
Aroclor-1242 {5}			244389				
Aroclor-1248			464016				
Aroclor-1248 {2}			261841				
Aroclor-1248 {3}			337846				
Aroclor-1248 {4}			509953				
Aroclor-1248 {5}			410435				
Aroclor-1254			579732				
Aroclor-1254 {2}			373682				
Aroclor-1254 {3}			674547				
Aroclor-1254 {4}			720918				
Aroclor-1254 {5}			623290				
Aroclor-1260	893716	880947	867411	809850	829207	856226	4.14
Aroclor-1260 {2}	414317	413297	400025	370970	381743	396070	4.86
Aroclor-1260 {3}	940915	954989	973088	902329	944898	943244	2.76
Aroclor-1260 {4}	505168	508145	519743	483352	517232	506728	2.84
Aroclor-1260 {5}	193767	206842	214645	195637	217355	205649	5.22
Average %RSD						6.95	

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 04/17/2013

Instrument ID: GC-R
GC Column (2nd): DB-1701P

Data File: R8905.C R8904.C R8903.C R8902.C R8901.C

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1016	3.43	3.43	3.43	3.43	3.43	3.43	3.36	3.50
Aroclor-1016 {2}	4.00	4.00	4.00	4.00	4.00	4.00	3.93	4.07
Aroclor-1016 {3}	4.72	4.72	4.72	4.72	4.72	4.72	4.65	4.79
Aroclor-1016 {4}	4.92	4.92	4.92	4.92	4.92	4.92	4.85	4.99
Aroclor-1016 {5}	5.09	5.09	5.09	5.09	5.09	5.09	5.02	5.16
Aroclor-1221			2.21				2.14	2.28
Aroclor-1221 {2}			3.12				3.05	3.19
Aroclor-1221 {3}			3.34				3.27	3.41
Aroclor-1221 {4}			3.43				3.36	3.50
Aroclor-1221 {5}			4.72				4.65	4.79
Aroclor-1232			3.43				3.36	3.50
Aroclor-1232 {2}			4.37				4.30	4.44
Aroclor-1232 {3}			4.92				4.85	4.99
Aroclor-1232 {4}			5.09				5.02	5.16
Aroclor-1232 {5}			5.68				5.61	5.75
Aroclor-1242			4.37				4.30	4.44
Aroclor-1242 {2}			5.09				5.02	5.16
Aroclor-1242 {3}			5.68				5.61	5.75
Aroclor-1242 {4}			5.83				5.76	5.90
Aroclor-1242 {5}			6.36				6.29	6.43
Aroclor-1248			4.72				4.64	4.80
Aroclor-1248 {2}			5.29				5.21	5.37
Aroclor-1248 {3}			5.68				5.60	5.76
Aroclor-1248 {4}			5.83				5.75	5.91
Aroclor-1248 {5}			6.17				6.09	6.25
Aroclor-1254			6.66				6.58	6.74
Aroclor-1254 {2}			7.24				7.16	7.32
Aroclor-1254 {3}			7.67				7.58	7.76
Aroclor-1254 {4}			7.85				7.76	7.94
Aroclor-1254 {5}			8.66				8.57	8.75
Aroclor-1260	7.42	7.42	7.42	7.42	7.42	7.42	6.52	8.32
Aroclor-1260 {2}	7.67	7.67	7.67	7.67	7.67	7.67	6.77	8.57
Aroclor-1260 {3}	9.26	9.25	9.25	9.25	9.26	9.25	8.35	10.15
Aroclor-1260 {4}	9.76	9.76	9.76	9.76	9.76	9.76	8.86	10.66
Aroclor-1260 {5}	10.35	10.35	10.35	10.35	10.35	10.35	9.45	11.25

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 04/17/2013

Instrument ID: GC-R
GC Column (2nd): DB-1701P

Data File: R8905.C R8904.C R8903.C R8902.C R8901.C

Compound	CALIBRATION FACTORS					MEAN	%RSD
	10	50	500	1000	2000		
Aroclor-1016	310487	301042	267602	243632	237750	272103	12.08
Aroclor-1016 {2}	645599	605534	516583	472731	456250	539339	15.38
Aroclor-1016 {3}	1426225	1276806	1187827	1108723	1072668	1214450	11.70
Aroclor-1016 {4}	516529	544448	493102	455652	440983	490143	8.69
Aroclor-1016 {5}	435257	421935	384643	351242	349078	388431	10.19
Aroclor-1221			113088				
Aroclor-1221 {2}			164920				
Aroclor-1221 {3}			103383				
Aroclor-1221 {4}			377724				
Aroclor-1221 {5}			72409				
Aroclor-1232			248610				
Aroclor-1232 {2}			95062				
Aroclor-1232 {3}			197951				
Aroclor-1232 {4}			153040				
Aroclor-1232 {5}			214098				
Aroclor-1242			166381				
Aroclor-1242 {2}			268965				
Aroclor-1242 {3}			354665				
Aroclor-1242 {4}			287175				
Aroclor-1242 {5}			560240				
Aroclor-1248			541041				
Aroclor-1248 {2}			791761				
Aroclor-1248 {3}			570141				
Aroclor-1248 {4}			477960				
Aroclor-1248 {5}			283064				
Aroclor-1254			733486				
Aroclor-1254 {2}			566456				
Aroclor-1254 {3}			373499				
Aroclor-1254 {4}			562589				
Aroclor-1254 {5}			738640				
Aroclor-1260	542399	499412	432439	399390	394100	453548	14.34
Aroclor-1260 {2}	825827	719863	622456	572510	562332	660597	16.87
Aroclor-1260 {3}	630230	579776	546199	501283	510947	553687	9.54
Aroclor-1260 {4}	1255307	1165350	1154225	1060442	1104521	1147969	6.37
Aroclor-1260 {5}	865521	824908	830501	747665	819808	817681	5.26
Average %RSD						11.04	

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 04/17/2013

Instrument ID: GC-R
GC Column (1st): DB-5

Data File: R8905.D R8904.D R8903.D R8902.D R8901.D

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1262			8.67				8.55	8.79
Aroclor-1262 {2}			9.45				9.33	9.57
Aroclor-1262 {3}			10.08				9.96	10.20
Aroclor-1262 {4}			10.17				10.05	10.29
Aroclor-1262 {5}			10.99				10.87	11.11
Aroclor-1268			10.08				9.96	10.20
Aroclor-1268 {2}			10.17				10.05	10.29
Aroclor-1268 {3}			10.64				10.52	10.76
Aroclor-1268 {4}			10.77				10.65	10.89
Aroclor-1268 {5}			11.60				11.48	11.72

GC Column (2nd): DB-1701P

Data File: R8905.C R8904.C R8903.C R8902.C R8901.C

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1262			9.25				9.13	9.37
Aroclor-1262 {2}			9.76				9.64	9.88
Aroclor-1262 {3}			10.26				10.14	10.38
Aroclor-1262 {4}			10.34				10.22	10.46
Aroclor-1262 {5}			10.94				10.82	11.06
Aroclor-1268			10.26				10.14	10.38
Aroclor-1268 {2}			10.34				10.22	10.46
Aroclor-1268 {3}			10.59				10.47	10.71
Aroclor-1268 {4}			10.73				10.61	10.85
Aroclor-1268 {5}			11.81				11.69	11.93

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 04/17/2013 Instrument ID: GC-R
 GC Column (1st): DB-5

Data File: R8905.D R8904.D R8903.D R8902.D R8901.D

Compound	CALIBRATION FACTORS					MEAN	%RSD
	10	50	500	1000	2000		
Aroclor-1262			246260				
Aroclor-1262 {2}			1165306				
Aroclor-1262 {3}			460057				
Aroclor-1262 {4}			482035				
Aroclor-1262 {5}			385857				
Aroclor-1268			1286259				
Aroclor-1268 {2}			1207455				
Aroclor-1268 {3}			1010486				
Aroclor-1268 {4}			249653				
Aroclor-1268 {5}			3159238				

GC Column (2nd): DB-1701P

Data File: R8905.C R8904.C R8903.C R8902.C R8901.C

Compound	CALIBRATION FACTORS					MEAN	%RSD
	10	50	500	1000	2000		
Aroclor-1262			658408				
Aroclor-1262 {2}			1403733				
Aroclor-1262 {3}			494503				
Aroclor-1262 {4}			957092				
Aroclor-1262 {5}			178872				
Aroclor-1268			1424262				
Aroclor-1268 {2}			1363218				
Aroclor-1268 {3}			1139890				
Aroclor-1268 {4}			293823				
Aroclor-1268 {5}			3530038				

AROCLOL CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/02/2013

Instrument ID: GC-R

Data File: R9450.D

GC Column (1st): DB-5

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.22	3.15	3.29	239203	219283	8.33
Aroclor-1016 {2}	4.06	3.98	4.12	319375	291249	8.81
Aroclor-1016 {3}	4.61	4.53	4.67	412042	377780	8.32
Aroclor-1016 {4}	5.12	5.04	5.18	188306	175801	6.64
Aroclor-1016 {5}	5.51	5.43	5.57	320668	297953	7.08
Aroclor-1260	8.30	7.39	9.19	856226	870160	1.63
Aroclor-1260 {2}	8.98	8.07	9.87	396070	406561	2.65
Aroclor-1260 {3}	9.45	8.55	10.35	943244	970206	2.86
Aroclor-1260 {4}	9.94	9.03	10.83	506728	506910	0.04
Aroclor-1260 {5}	11.00	10.09	11.89	205649	205208	0.21
Average %D						4.66

Data File: R9450.C

GC Column (2nd): DB-1701P

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.43	3.36	3.50	272103	247896	8.90
Aroclor-1016 {2}	4.00	3.93	4.07	539339	463734	14.02
Aroclor-1016 {3}	4.72	4.65	4.79	1214450	1076868	11.33
Aroclor-1016 {4}	4.92	4.85	4.99	490143	447040	8.79
Aroclor-1016 {5}	5.09	5.02	5.16	388431	345569	11.03
Aroclor-1260	7.42	6.52	8.32	453548	405428	10.61
Aroclor-1260 {2}	7.67	6.77	8.57	660597	583775	11.63
Aroclor-1260 {3}	9.25	8.35	10.15	553687	525727	5.05
Aroclor-1260 {4}	9.76	8.86	10.66	1147969	1098402	4.32
Aroclor-1260 {5}	10.34	9.45	11.25	817681	776878	4.99
Average %D						9.07

AROCLOL CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/02/2013

Instrument ID: GC-R

Data File: R9460.D

GC Column (1st): DB-5

Compound	RT	RT WINDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.22	3.15	3.29	239203	243206	1.67
Aroclor-1016 {2}	4.05	3.98	4.12	319375	326497	2.23
Aroclor-1016 {3}	4.61	4.53	4.67	412042	422390	2.51
Aroclor-1016 {4}	5.11	5.04	5.18	188306	195425	3.78
Aroclor-1016 {5}	5.51	5.43	5.57	320668	335107	4.50
Aroclor-1260	8.30	7.39	9.19	856226	997872	16.54
Aroclor-1260 {2}	8.98	8.07	9.87	396070	468367	18.25
Aroclor-1260 {3}	9.45	8.55	10.35	943244	1107711	17.44
Aroclor-1260 {4}	9.94	9.03	10.83	506728	597980	18.01
Aroclor-1260 {5}	11.00	10.09	11.89	205649	235174	14.36
Average %D						9.93

Data File: R9460.C

GC Column (2nd): DB-1701P

Compound	RT	RT WINDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.43	3.36	3.50	272103	277889	2.13
Aroclor-1016 {2}	4.00	3.93	4.07	539339	519502	3.68
Aroclor-1016 {3}	4.72	4.65	4.79	1214450	1218247	0.31
Aroclor-1016 {4}	4.92	4.85	4.99	490143	504874	3.01
Aroclor-1016 {5}	5.09	5.02	5.16	388431	389397	0.25
Aroclor-1260	7.42	6.52	8.32	453548	463103	2.11
Aroclor-1260 {2}	7.67	6.77	8.57	660597	668759	1.24
Aroclor-1260 {3}	9.25	8.35	10.15	553687	612686	10.66
Aroclor-1260 {4}	9.76	8.86	10.66	1147969	1300197	13.26
Aroclor-1260 {5}	10.34	9.45	11.25	817681	929634	13.69
Average %D						5.03

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 05/01/2013

Instrument ID: GC-Y
GC Column (1st): DB-5

Data File: Y7817.D Y7816.D Y7815.D Y7814.D Y7813.D

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1016	3.21	3.21	3.21	3.21	3.21	3.21	3.14	3.28
Aroclor-1016 {2}	4.03	4.03	4.03	4.03	4.03	4.03	3.96	4.10
Aroclor-1016 {3}	4.58	4.58	4.58	4.58	4.58	4.58	4.51	4.65
Aroclor-1016 {4}	5.08	5.08	5.08	5.08	5.08	5.08	5.01	5.15
Aroclor-1016 {5}	5.47	5.47	5.47	5.47	5.47	5.47	5.40	5.54
Aroclor-1221			2.13				2.06	2.20
Aroclor-1221 {2}			3.01				2.94	3.08
Aroclor-1221 {3}			3.13				3.06	3.20
Aroclor-1221 {4}			3.21				3.14	3.28
Aroclor-1221 {5}			3.79				3.72	3.86
Aroclor-1232			3.21				3.14	3.28
Aroclor-1232 {2}			4.03				3.96	4.10
Aroclor-1232 {3}			4.69				4.62	4.76
Aroclor-1232 {4}			5.28				5.21	5.35
Aroclor-1232 {5}			5.47				5.40	5.54
Aroclor-1242			4.03				3.96	4.10
Aroclor-1242 {2}			4.96				4.89	5.03
Aroclor-1242 {3}			5.28				5.21	5.35
Aroclor-1242 {4}			5.97				5.90	6.04
Aroclor-1242 {5}			6.24				6.17	6.31
Aroclor-1248			4.43				4.35	4.51
Aroclor-1248 {2}			4.96				4.88	5.04
Aroclor-1248 {3}			5.28				5.20	5.36
Aroclor-1248 {4}			5.97				5.89	6.05
Aroclor-1248 {5}			6.24				6.16	6.32
Aroclor-1254			6.36				6.28	6.44
Aroclor-1254 {2}			6.80				6.72	6.88
Aroclor-1254 {3}			6.96				6.87	7.05
Aroclor-1254 {4}			7.39				7.30	7.48
Aroclor-1254 {5}			8.24				8.15	8.33
Aroclor-1260	8.23	8.24	8.24	8.24	8.24	8.24	7.34	9.14
Aroclor-1260 {2}	8.91	8.91	8.91	8.91	8.91	8.91	8.01	9.81
Aroclor-1260 {3}	9.38	9.38	9.38	9.38	9.38	9.38	8.48	10.28
Aroclor-1260 {4}	9.86	9.86	9.86	9.86	9.86	9.86	8.96	10.76
Aroclor-1260 {5}	10.92	10.92	10.92	10.92	10.92	10.92	10.02	11.82

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 05/01/2013

Instrument ID: GC-Y
GC Column (1st): DB-5

Data File: Y7817.D Y7816.D Y7815.D Y7814.D Y7813.D

Compound	CALIBRATION FACTORS					MEAN	%RSD
	10	50	500	1000	2000		
Aroclor-1016	1469116	1490650	1458290	1505355	1399310	1464544	2.79
Aroclor-1016 {2}	2147485	2077768	2080310	2138429	2005997	2089998	2.72
Aroclor-1016 {3}	2769279	2688301	2715866	2812903	2617422	2720754	2.76
Aroclor-1016 {4}	1241222	1186478	1141299	1170728	1114867	1170919	4.10
Aroclor-1016 {5}	2210228	2107216	2135820	2210556	2100966	2152957	2.51
Aroclor-1221			552459				
Aroclor-1221 {2}			903478				
Aroclor-1221 {3}			601974				
Aroclor-1221 {4}			2214670				
Aroclor-1221 {5}			412439				
Aroclor-1232			1411113				
Aroclor-1232 {2}			810246				
Aroclor-1232 {3}			712294				
Aroclor-1232 {4}			821846				
Aroclor-1232 {5}			995887				
Aroclor-1242			1487031				
Aroclor-1242 {2}			931936				
Aroclor-1242 {3}			1373371				
Aroclor-1242 {4}			1884375				
Aroclor-1242 {5}			1795176				
Aroclor-1248			3219613				
Aroclor-1248 {2}			1856115				
Aroclor-1248 {3}			2530034				
Aroclor-1248 {4}			3640998				
Aroclor-1248 {5}			3033283				
Aroclor-1254			4413107				
Aroclor-1254 {2}			2931345				
Aroclor-1254 {3}			5454139				
Aroclor-1254 {4}			5379719				
Aroclor-1254 {5}			4994757				
Aroclor-1260	6503026	6156115	6139225	6258606	5764444	6164283	4.32
Aroclor-1260 {2}	2991916	2850331	2799810	2791791	2606273	2808024	4.93
Aroclor-1260 {3}	6694956	6695248	6729096	6723142	6289656	6626419	2.85
Aroclor-1260 {4}	3468167	3459184	3475492	3521864	3291610	3443263	2.56
Aroclor-1260 {5}	1505942	1505651	1363634	1369485	1247763	1398495	7.82
Average %RSD						3.74	

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 05/01/2013

Instrument ID: GC-Y
GC Column (2nd): DB-1701P

Data File: Y7817.C Y7816.C Y7815.C Y7814.C Y7813.C

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1016	3.80	3.80	3.80	3.80	3.80	3.80	3.73	3.87
Aroclor-1016 {2}	4.40	4.40	4.40	4.40	4.40	4.40	4.33	4.47
Aroclor-1016 {3}	5.15	5.15	5.15	5.15	5.15	5.15	5.08	5.22
Aroclor-1016 {4}	5.36	5.36	5.36	5.36	5.36	5.36	5.29	5.43
Aroclor-1016 {5}	5.53	5.53	5.53	5.53	5.53	5.53	5.46	5.60
Aroclor-1221			2.47				2.40	2.54
Aroclor-1221 {2}			3.47				3.40	3.54
Aroclor-1221 {3}			3.71				3.64	3.78
Aroclor-1221 {4}			3.80				3.73	3.87
Aroclor-1221 {5}			5.15				5.08	5.22
Aroclor-1232			3.80				3.73	3.87
Aroclor-1232 {2}			4.78				4.71	4.85
Aroclor-1232 {3}			5.36				5.29	5.43
Aroclor-1232 {4}			5.53				5.46	5.60
Aroclor-1232 {5}			6.13				6.06	6.20
Aroclor-1242			4.79				4.72	4.86
Aroclor-1242 {2}			5.53				5.46	5.60
Aroclor-1242 {3}			6.13				6.06	6.20
Aroclor-1242 {4}			6.29				6.22	6.36
Aroclor-1242 {5}			6.82				6.75	6.89
Aroclor-1248			5.15				5.07	5.23
Aroclor-1248 {2}			5.73				5.65	5.81
Aroclor-1248 {3}			6.13				6.05	6.21
Aroclor-1248 {4}			6.28				6.20	6.36
Aroclor-1248 {5}			6.63				6.55	6.71
Aroclor-1254			7.12				7.04	7.20
Aroclor-1254 {2}			7.71				7.63	7.79
Aroclor-1254 {3}			8.32				8.23	8.41
Aroclor-1254 {4}			8.55				8.46	8.64
Aroclor-1254 {5}			9.14				9.05	9.23
Aroclor-1260	7.90	7.90	7.90	7.90	7.90	7.90	7.00	8.80
Aroclor-1260 {2}	8.15	8.15	8.15	8.15	8.15	8.15	7.25	9.05
Aroclor-1260 {3}	9.74	9.74	9.74	9.74	9.74	9.74	8.84	10.64
Aroclor-1260 {4}	10.24	10.25	10.25	10.25	10.25	10.25	9.35	11.15
Aroclor-1260 {5}	10.84	10.84	10.84	10.84	10.84	10.84	9.94	11.74

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 05/01/2013

Instrument ID: GC-Y
GC Column (2nd): DB-1701P

Data File: Y7817.C Y7816.C Y7815.C Y7814.C Y7813.C

Compound	CALIBRATION FACTORS					MEAN	%RSD
	10	50	500	1000	2000		
Aroclor-1016	557514	528679	438703	430690	393947	469907	14.82
Aroclor-1016 {2}	1140751	1050669	867500	845176	785445	937908	16.05
Aroclor-1016 {3}	2396600	2170002	1879629	1893844	1783645	2024744	12.49
Aroclor-1016 {4}	973703	914442	801936	787827	721187	839819	12.16
Aroclor-1016 {5}	766455	722094	616337	612442	565922	656650	12.78
Aroclor-1221			211196				
Aroclor-1221 {2}			283500				
Aroclor-1221 {3}			190016				
Aroclor-1221 {4}			664040				
Aroclor-1221 {5}			123764				
Aroclor-1232			428834				
Aroclor-1232 {2}			158584				
Aroclor-1232 {3}			342179				
Aroclor-1232 {4}			262668				
Aroclor-1232 {5}			366430				
Aroclor-1242			277720				
Aroclor-1242 {2}			461422				
Aroclor-1242 {3}			600383				
Aroclor-1242 {4}			501247				
Aroclor-1242 {5}			922106				
Aroclor-1248			903869				
Aroclor-1248 {2}			1335791				
Aroclor-1248 {3}			953188				
Aroclor-1248 {4}			810867				
Aroclor-1248 {5}			456920				
Aroclor-1254			1259365				
Aroclor-1254 {2}			959257				
Aroclor-1254 {3}			937706				
Aroclor-1254 {4}			528689				
Aroclor-1254 {5}			1252538				
Aroclor-1260	738914	722065	659921	644083	594925	671982	8.76
Aroclor-1260 {2}	1140025	1095488	940373	915347	853274	988901	12.42
Aroclor-1260 {3}	921123	891330	847374	842969	791227	858804	5.79
Aroclor-1260 {4}	1800728	1855465	1796824	1831061	1758580	1808532	2.03
Aroclor-1260 {5}	1329418	1414818	1323173	1339035	1272084	1335706	3.84
Average %RSD						10.11	

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 05/01/2013 Instrument ID: GC-Y
 GC Column (1st): DB-5

Data File: Y7817.D Y7816.D Y7815.D Y7814.D Y7813.D

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1262			8.53				8.41	8.65
Aroclor-1262 {2}			9.38				9.26	9.50
Aroclor-1262 {3}			10.01				9.89	10.13
Aroclor-1262 {4}			10.10				9.98	10.22
Aroclor-1262 {5}			10.92				10.80	11.04
Aroclor-1268			10.01				9.89	10.13
Aroclor-1268 {2}			10.10				9.98	10.22
Aroclor-1268 {3}			10.57				10.45	10.69
Aroclor-1268 {4}			10.70				10.58	10.82
Aroclor-1268 {5}			11.52				11.40	11.64

GC Column (2nd): DB-1701P

Data File: Y7817.C Y7816.C Y7815.C Y7814.C Y7813.C

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1262			9.74				9.62	9.86
Aroclor-1262 {2}			10.24				10.12	10.36
Aroclor-1262 {3}			10.74				10.62	10.86
Aroclor-1262 {4}			10.83				10.71	10.95
Aroclor-1262 {5}			11.43				11.31	11.55
Aroclor-1268			10.74				10.62	10.86
Aroclor-1268 {2}			10.82				10.70	10.94
Aroclor-1268 {3}			11.08				10.96	11.20
Aroclor-1268 {4}			11.22				11.10	11.34
Aroclor-1268 {5}			12.30				12.18	12.42

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 05/01/2013 Instrument ID: GC-Y
 GC Column (1st): DB-5

Data File: Y7817.D Y7816.D Y7815.D Y7814.D Y7813.D

Compound	CALIBRATION FACTORS					MEAN	%RSD
	10	50	500	1000	2000		
Aroclor-1262			4947596				
Aroclor-1262 {2}			9377202				
Aroclor-1262 {3}			3511100				
Aroclor-1262 {4}			3546325				
Aroclor-1262 {5}			2897770				
Aroclor-1268			9948029				
Aroclor-1268 {2}			9125819				
Aroclor-1268 {3}			7528535				
Aroclor-1268 {4}			1851415				
Aroclor-1268 {5}			22926119				

GC Column (2nd): DB-1701P

Data File: Y7817.C Y7816.C Y7815.C Y7814.C Y7813.C

Compound	CALIBRATION FACTORS					MEAN	%RSD
	10	50	500	1000	2000		
Aroclor-1262			1137988				
Aroclor-1262 {2}			2433152				
Aroclor-1262 {3}			872365				
Aroclor-1262 {4}			1697537				
Aroclor-1262 {5}			320737				
Aroclor-1268			2504689				
Aroclor-1268 {2}			2395557				
Aroclor-1268 {3}			2025230				
Aroclor-1268 {4}			521619				
Aroclor-1268 {5}			6794017				

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/02/2013

Instrument ID:

GC-Y

Data File: Y7889.D

GC Column (1st):

DB-5

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.21	3.14	3.28	1464544	1506429	2.86
Aroclor-1016 {2}	4.03	3.96	4.10	2089998	2115924	1.24
Aroclor-1016 {3}	4.57	4.51	4.65	2720754	2814077	3.43
Aroclor-1016 {4}	5.08	5.01	5.15	1170919	1241925	6.06
Aroclor-1016 {5}	5.47	5.40	5.54	2152957	2243229	4.19
Aroclor-1260	8.23	7.34	9.14	6164283	6973061	13.12
Aroclor-1260 {2}	8.91	8.01	9.81	2808024	3187513	13.51
Aroclor-1260 {3}	9.38	8.48	10.28	6626419	7912919	19.41
Aroclor-1260 {4}	9.86	8.96	10.76	3443263	4046922	17.53
Aroclor-1260 {5}	10.91	10.02	11.82	1398495	1648746	17.89
Average %D						9.93

Data File: Y7889.C

GC Column (2nd):

DB-1701P

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.80	3.73	3.87	469907	467897	0.43
Aroclor-1016 {2}	4.40	4.33	4.47	937908	903303	3.69
Aroclor-1016 {3}	5.15	5.08	5.22	2024744	2063824	1.93
Aroclor-1016 {4}	5.36	5.29	5.43	839819	870972	3.71
Aroclor-1016 {5}	5.54	5.46	5.60	656650	666961	1.57
Aroclor-1260	7.90	7.00	8.80	671982	761303	13.29
Aroclor-1260 {2}	8.15	7.25	9.05	988901	1089288	10.15
Aroclor-1260 {3}	9.74	8.84	10.64	858804	959025	11.67
Aroclor-1260 {4}	10.24	9.35	11.15	1808532	1997538	10.45
Aroclor-1260 {5}	10.83	9.94	11.74	1335706	1451631	8.68
Average %D						6.56

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/02/2013

Instrument ID: GC-Y

Data File: Y7914.D

GC Column (1st): DB-5

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.21	3.14	3.28	1464544	1483941	1.32
Aroclor-1016 {2}	4.03	3.96	4.10	2089998	2047514	2.03
Aroclor-1016 {3}	4.58	4.51	4.65	2720754	2719246	0.06
Aroclor-1016 {4}	5.08	5.01	5.15	1170919	1165850	0.43
Aroclor-1016 {5}	5.48	5.40	5.54	2152957	2125961	1.25
Aroclor-1260	8.24	7.34	9.14	6164283	6186274	0.36
Aroclor-1260 {2}	8.91	8.01	9.81	2808024	2910366	3.64
Aroclor-1260 {3}	9.38	8.48	10.28	6626419	7016995	5.89
Aroclor-1260 {4}	9.86	8.96	10.76	3443263	3897673	13.20
Aroclor-1260 {5}	10.92	10.02	11.82	1398495	1515355	8.36
Average %D						3.65

Data File: Y7914.C

GC Column (2nd): DB-1701P

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.79	3.73	3.87	469907	422418	10.11
Aroclor-1016 {2}	4.39	4.33	4.47	937908	835987	10.87
Aroclor-1016 {3}	5.14	5.08	5.22	2024744	1936998	4.33
Aroclor-1016 {4}	5.35	5.29	5.43	839819	801311	4.59
Aroclor-1016 {5}	5.53	5.46	5.60	656650	632526	3.67
Aroclor-1260	7.89	7.00	8.80	671982	741603	10.36
Aroclor-1260 {2}	8.14	7.25	9.05	988901	1104482	11.69
Aroclor-1260 {3}	9.73	8.84	10.64	858804	862323	0.41
Aroclor-1260 {4}	10.24	9.35	11.15	1808532	1950866	7.87
Aroclor-1260 {5}	10.83	9.94	11.74	1335706	1317469	1.37
Average %D						6.53

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/03/2013

Instrument ID: GC-Y

Data File: Y7961.D

GC Column (1st): DB-5

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.21	3.14	3.28	1464544	1556463	6.28
Aroclor-1016 {2}	4.03	3.96	4.10	2089998	2175185	4.08
Aroclor-1016 {3}	4.58	4.51	4.65	2720754	2899940	6.59
Aroclor-1016 {4}	5.09	5.01	5.15	1170919	1284803	9.73
Aroclor-1016 {5}	5.48	5.40	5.54	2152957	2291732	6.45
Aroclor-1260	8.24	7.34	9.14	6164283	6840332	10.97
Aroclor-1260 {2}	8.92	8.01	9.81	2808024	3030930	7.94
Aroclor-1260 {3}	9.38	8.48	10.28	6626419	7328427	10.59
Aroclor-1260 {4}	9.86	8.96	10.76	3443263	3636829	5.62
Aroclor-1260 {5}	10.92	10.02	11.82	1398495	1269053	9.26
Average %D						7.75

Data File: Y7961.C

GC Column (2nd): DB-1701P

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.79	3.73	3.87	469907	463080	1.45
Aroclor-1016 {2}	4.39	4.33	4.47	937908	904448	3.57
Aroclor-1016 {3}	5.14	5.08	5.22	2024744	2068753	2.17
Aroclor-1016 {4}	5.35	5.29	5.43	839819	872442	3.88
Aroclor-1016 {5}	5.53	5.46	5.60	656650	670729	2.14
Aroclor-1260	7.89	7.00	8.80	671982	782839	16.50
Aroclor-1260 {2}	8.14	7.25	9.05	988901	1119866	13.24
Aroclor-1260 {3}	9.73	8.84	10.64	858804	999938	16.43
Aroclor-1260 {4}	10.24	9.35	11.15	1808532	2091810	15.66
Aroclor-1260 {5}	10.83	9.94	11.74	1335706	1502976	12.52
Average %D						8.76

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/03/2013

Instrument ID: GC-Y

Data File: Y7979.D

GC Column (1st): DB-5

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.21	3.14	3.28	1464544	1556647	6.29
Aroclor-1016 {2}	4.04	3.96	4.10	2089998	2199046	5.22
Aroclor-1016 {3}	4.58	4.51	4.65	2720754	2914122	7.11
Aroclor-1016 {4}	5.09	5.01	5.15	1170919	1280379	9.35
Aroclor-1016 {5}	5.48	5.40	5.54	2152957	2316583	7.60
Aroclor-1260	8.24	7.34	9.14	6164283	7180481	16.49
Aroclor-1260 {2}	8.91	8.01	9.81	2808024	3245877	15.59
Aroclor-1260 {3}	9.38	8.48	10.28	6626419	7913287	19.42
Aroclor-1260 {4}	9.86	8.96	10.76	3443263	3968529	15.25
Aroclor-1260 {5}	10.92	10.02	11.82	1398495	1433569	2.51
Average %D						10.48

Data File: Y7979.C

GC Column (2nd): DB-1701P

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.79	3.73	3.87	469907	459687	2.17
Aroclor-1016 {2}	4.39	4.33	4.47	937908	904156	3.60
Aroclor-1016 {3}	5.14	5.08	5.22	2024744	2055627	1.53
Aroclor-1016 {4}	5.35	5.29	5.43	839819	868807	3.45
Aroclor-1016 {5}	5.53	5.46	5.60	656650	666571	1.51
Aroclor-1260	7.89	7.00	8.80	671982	789675	17.51
Aroclor-1260 {2}	8.14	7.25	9.05	988901	1133977	14.67
Aroclor-1260 {3}	9.73	8.84	10.64	858804	1024921	19.34
Aroclor-1260 {4}	10.23	9.35	11.15	1808532	2143457	18.52
Aroclor-1260 {5}	10.82	9.94	11.74	1335706	1560253	16.81
Average %D						9.91

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/02/2013

Instrument ID: GC-Y

Data File: Y7851.D

GC Column (1st): DB-5

Compound	RT	RT WINDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.21	3.14	3.28	1464544	1572875	7.40
Aroclor-1016 {2}	4.03	3.96	4.10	2089998	2222509	6.34
Aroclor-1016 {3}	4.58	4.51	4.65	2720754	2913770	7.09
Aroclor-1016 {4}	5.08	5.01	5.15	1170919	1260080	7.61
Aroclor-1016 {5}	5.47	5.40	5.54	2152957	2335977	8.50
Aroclor-1260	8.23	7.34	9.14	6164283	7161636	16.18
Aroclor-1260 {2}	8.91	8.01	9.81	2808024	3304859	17.69
Aroclor-1260 {3}	9.38	8.48	10.28	6626419	7904700	19.29
Aroclor-1260 {4}	9.86	8.96	10.76	3443263	4109367	19.35
Aroclor-1260 {5}	10.91	10.02	11.82	1398495	1632759	16.75
Average %D						12.62

Data File: Y7851.C

GC Column (2nd): DB-1701P

Compound	RT	RT WINDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.79	3.73	3.87	469907	487106	3.66
Aroclor-1016 {2}	4.39	4.33	4.47	937908	960899	2.45
Aroclor-1016 {3}	5.14	5.08	5.22	2024744	2151429	6.26
Aroclor-1016 {4}	5.35	5.29	5.43	839819	908775	8.21
Aroclor-1016 {5}	5.53	5.46	5.60	656650	699069	6.46
Aroclor-1260	7.89	7.00	8.80	671982	787827	17.24
Aroclor-1260 {2}	8.14	7.25	9.05	988901	1125470	13.81
Aroclor-1260 {3}	9.73	8.84	10.64	858804	1003965	16.90
Aroclor-1260 {4}	10.24	9.35	11.15	1808532	2100474	16.14
Aroclor-1260 {5}	10.83	9.94	11.74	1335706	1533007	14.77
Average %D						10.59

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/02/2013

Instrument ID: GC-Y

Data File: Y7876.D

GC Column (1st): DB-5

Compound	RT	RT WINDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.21	3.14	3.28	1464544	1541105	5.23
Aroclor-1016 {2}	4.03	3.96	4.10	2089998	2186304	4.61
Aroclor-1016 {3}	4.57	4.51	4.65	2720754	2860472	5.14
Aroclor-1016 {4}	5.08	5.01	5.15	1170919	1252510	6.97
Aroclor-1016 {5}	5.47	5.40	5.54	2152957	2276634	5.74
Aroclor-1260	8.23	7.34	9.14	6164283	6882041	11.64
Aroclor-1260 {2}	8.91	8.01	9.81	2808024	3156216	12.40
Aroclor-1260 {3}	9.38	8.48	10.28	6626419	7749314	16.95
Aroclor-1260 {4}	9.86	8.96	10.76	3443263	3956867	14.92
Aroclor-1260 {5}	10.91	10.02	11.82	1398495	1507433	7.79
Average %D						9.14

Data File: Y7876.C

GC Column (2nd): DB-1701P

Compound	RT	RT WINDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.80	3.73	3.87	469907	490648	4.41
Aroclor-1016 {2}	4.40	4.33	4.47	937908	966911	3.09
Aroclor-1016 {3}	5.15	5.08	5.22	2024744	2147176	6.05
Aroclor-1016 {4}	5.36	5.29	5.43	839819	901600	7.36
Aroclor-1016 {5}	5.54	5.46	5.60	656650	699617	6.54
Aroclor-1260	7.90	7.00	8.80	671982	777901	15.76
Aroclor-1260 {2}	8.15	7.25	9.05	988901	1106039	11.85
Aroclor-1260 {3}	9.74	8.84	10.64	858804	985850	14.79
Aroclor-1260 {4}	10.24	9.35	11.15	1808532	2067918	14.34
Aroclor-1260 {5}	10.83	9.94	11.74	1335706	1526649	14.30
Average %D						9.85

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/02/2013 Instrument ID: GC-Y

Data File: Y7877.D GC Column (1st): DB-5

Compound	RT	RT WINDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.20	3.14	3.28	1464544	1471427	0.47
Aroclor-1016 {2}	4.03	3.96	4.10	2089998	2057602	1.55
Aroclor-1016 {3}	4.57	4.51	4.65	2720754	2716491	0.16
Aroclor-1016 {4}	5.08	5.01	5.15	1170919	1198155	2.33
Aroclor-1016 {5}	5.47	5.40	5.54	2152957	2141889	0.51
Aroclor-1260	8.23	7.34	9.14	6164283	6554188	6.33
Aroclor-1260 {2}	8.91	8.01	9.81	2808024	2982533	6.21
Aroclor-1260 {3}	9.38	8.48	10.28	6626419	7439581	12.27
Aroclor-1260 {4}	9.86	8.96	10.76	3443263	3806050	10.54
Aroclor-1260 {5}	10.91	10.02	11.82	1398495	1504858	7.61
Average %D						4.80

Data File: Y7877.C GC Column (2nd): DB-1701P

Compound	RT	RT WINDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.80	3.73	3.87	469907	464493	1.15
Aroclor-1016 {2}	4.40	4.33	4.47	937908	907705	3.22
Aroclor-1016 {3}	5.15	5.08	5.22	2024744	2016925	0.39
Aroclor-1016 {4}	5.36	5.29	5.43	839819	851384	1.38
Aroclor-1016 {5}	5.54	5.46	5.60	656650	658880	0.34
Aroclor-1260	7.90	7.00	8.80	671982	731254	8.82
Aroclor-1260 {2}	8.15	7.25	9.05	988901	1041939	5.36
Aroclor-1260 {3}	9.74	8.84	10.64	858804	917816	6.87
Aroclor-1260 {4}	10.24	9.35	11.15	1808532	1907403	5.47
Aroclor-1260 {5}	10.83	9.94	11.74	1335706	1383991	3.61
Average %D						3.66

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/02/2013

Instrument ID: GC-Y

Data File: Y7888.D

GC Column (1st): DB-5

Compound	RT	RT WINDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.21	3.14	3.28	1464544	1506257	2.85
Aroclor-1016 {2}	4.03	3.96	4.10	2089998	2123665	1.61
Aroclor-1016 {3}	4.58	4.51	4.65	2720754	2783073	2.29
Aroclor-1016 {4}	5.08	5.01	5.15	1170919	1207253	3.10
Aroclor-1016 {5}	5.47	5.40	5.54	2152957	2206633	2.49
Aroclor-1260	8.24	7.34	9.14	6164283	6946824	12.69
Aroclor-1260 {2}	8.91	8.01	9.81	2808024	3255828	15.95
Aroclor-1260 {3}	9.38	8.48	10.28	6626419	7973712	20.33
Aroclor-1260 {4}	9.86	8.96	10.76	3443263	4142789	20.32
Aroclor-1260 {5}	10.92	10.02	11.82	1398495	1765145	26.22
Average %D						10.79

Data File: Y7888.C

GC Column (2nd): DB-1701P

Compound	RT	RT WINDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.79	3.73	3.87	469907	463078	1.45
Aroclor-1016 {2}	4.39	4.33	4.47	937908	914499	2.50
Aroclor-1016 {3}	5.14	5.08	5.22	2024744	2033819	0.45
Aroclor-1016 {4}	5.35	5.29	5.43	839819	859955	2.40
Aroclor-1016 {5}	5.53	5.46	5.60	656650	663784	1.09
Aroclor-1260	7.89	7.00	8.80	671982	757658	12.75
Aroclor-1260 {2}	8.14	7.25	9.05	988901	1092571	10.48
Aroclor-1260 {3}	9.73	8.84	10.64	858804	978791	13.97
Aroclor-1260 {4}	10.24	9.35	11.15	1808532	2039727	12.78
Aroclor-1260 {5}	10.83	9.94	11.74	1335706	1475697	10.48
Average %D						6.84

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/02/2013

Instrument ID: GC-Y

Data File: Y7915.D

GC Column (1st): DB-5

Compound	RT	RT WINDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.21	3.14	3.28	1464544	1475979	0.78
Aroclor-1016 {2}	4.03	3.96	4.10	2089998	2052033	1.82
Aroclor-1016 {3}	4.58	4.51	4.65	2720754	2698725	0.81
Aroclor-1016 {4}	5.08	5.01	5.15	1170919	1163143	0.66
Aroclor-1016 {5}	5.48	5.40	5.54	2152957	2119782	1.54
Aroclor-1260	8.24	7.34	9.14	6164283	6022501	2.30
Aroclor-1260 {2}	8.91	8.01	9.81	2808024	2817592	0.34
Aroclor-1260 {3}	9.38	8.48	10.28	6626419	6769011	2.15
Aroclor-1260 {4}	9.86	8.96	10.76	3443263	3609490	4.83
Aroclor-1260 {5}	10.92	10.02	11.82	1398495	1443793	3.24
Average %D						1.85

Data File: Y7915.C

GC Column (2nd): DB-1701P

Compound	RT	RT WINDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.79	3.73	3.87	469907	424616	9.64
Aroclor-1016 {2}	4.39	4.33	4.47	937908	855821	8.75
Aroclor-1016 {3}	5.14	5.08	5.22	2024744	1939239	4.22
Aroclor-1016 {4}	5.35	5.29	5.43	839819	793515	5.51
Aroclor-1016 {5}	5.53	5.46	5.60	656650	615359	6.29
Aroclor-1260	7.89	7.00	8.80	671982	703594	4.70
Aroclor-1260 {2}	8.15	7.25	9.05	988901	1007427	1.87
Aroclor-1260 {3}	9.73	8.84	10.64	858804	941460	9.62
Aroclor-1260 {4}	10.24	9.35	11.15	1808532	2048020	13.24
Aroclor-1260 {5}	10.83	9.94	11.74	1335706	1347153	0.86
Average %D						6.47

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/03/2013

Instrument ID: GC-Y

Data File: Y7940.D

GC Column (1st): DB-5

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.21	3.14	3.28	1464544	1536482	4.91
Aroclor-1016 {2}	4.03	3.96	4.10	2089998	2131491	1.99
Aroclor-1016 {3}	4.58	4.51	4.65	2720754	2845344	4.58
Aroclor-1016 {4}	5.08	5.01	5.15	1170919	1241125	6.00
Aroclor-1016 {5}	5.48	5.40	5.54	2152957	2241359	4.11
Aroclor-1260	8.24	7.34	9.14	6164283	6727041	9.13
Aroclor-1260 {2}	8.91	8.01	9.81	2808024	3050988	8.65
Aroclor-1260 {3}	9.38	8.48	10.28	6626419	7454667	12.50
Aroclor-1260 {4}	9.86	8.96	10.76	3443263	3808607	10.61
Aroclor-1260 {5}	10.92	10.02	11.82	1398495	1610411	15.15
Average %D						7.76

Data File: Y7940.C

GC Column (2nd): DB-1701P

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.79	3.73	3.87	469907	449925	4.25
Aroclor-1016 {2}	4.39	4.33	4.47	937908	883773	5.77
Aroclor-1016 {3}	5.14	5.08	5.22	2024744	2031385	0.33
Aroclor-1016 {4}	5.35	5.29	5.43	839819	841383	0.19
Aroclor-1016 {5}	5.53	5.46	5.60	656650	640478	2.46
Aroclor-1260	7.89	7.00	8.80	671982	752734	12.02
Aroclor-1260 {2}	8.14	7.25	9.05	988901	1078449	9.06
Aroclor-1260 {3}	9.73	8.84	10.64	858804	964302	12.28
Aroclor-1260 {4}	10.23	9.35	11.15	1808532	2003940	10.80
Aroclor-1260 {5}	10.82	9.94	11.74	1335706	1514222	13.36
Average %D						7.05

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/03/2013

Instrument ID: GC-Y

Data File: Y7979.D

GC Column (1st): DB-5

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.21	3.14	3.28	1464544	1556647	6.29
Aroclor-1016 {2}	4.04	3.96	4.10	2089998	2199046	5.22
Aroclor-1016 {3}	4.58	4.51	4.65	2720754	2914122	7.11
Aroclor-1016 {4}	5.09	5.01	5.15	1170919	1280379	9.35
Aroclor-1016 {5}	5.48	5.40	5.54	2152957	2316583	7.60
Aroclor-1260	8.24	7.34	9.14	6164283	7180481	16.49
Aroclor-1260 {2}	8.91	8.01	9.81	2808024	3245877	15.59
Aroclor-1260 {3}	9.38	8.48	10.28	6626419	7913287	19.42
Aroclor-1260 {4}	9.86	8.96	10.76	3443263	3968529	15.25
Aroclor-1260 {5}	10.92	10.02	11.82	1398495	1433569	2.51
Average %D						10.48

Data File: Y7979.C

GC Column (2nd): DB-1701P

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.79	3.73	3.87	469907	459687	2.17
Aroclor-1016 {2}	4.39	4.33	4.47	937908	904156	3.60
Aroclor-1016 {3}	5.14	5.08	5.22	2024744	2055627	1.53
Aroclor-1016 {4}	5.35	5.29	5.43	839819	868807	3.45
Aroclor-1016 {5}	5.53	5.46	5.60	656650	666571	1.51
Aroclor-1260	7.89	7.00	8.80	671982	789675	17.51
Aroclor-1260 {2}	8.14	7.25	9.05	988901	1133977	14.67
Aroclor-1260 {3}	9.73	8.84	10.64	858804	1024921	19.34
Aroclor-1260 {4}	10.23	9.35	11.15	1808532	2143457	18.52
Aroclor-1260 {5}	10.82	9.94	11.74	1335706	1560253	16.81
Average %D						9.91

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/04/2013

Instrument ID:

GC-Y

Data File: Y7992.D

GC Column (1st):

DB-5

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.21	3.14	3.28	1464544	1600029	9.25
Aroclor-1016 {2}	4.04	3.96	4.10	2089998	2259229	8.10
Aroclor-1016 {3}	4.58	4.51	4.65	2720754	3008716	10.58
Aroclor-1016 {4}	5.09	5.01	5.15	1170919	1333685	13.90
Aroclor-1016 {5}	5.48	5.40	5.54	2152957	2393534	11.17
Aroclor-1260	8.24	7.34	9.14	6164283	7391944	19.92
Aroclor-1260 {2}	8.91	8.01	9.81	2808024	3280746	16.83
Aroclor-1260 {3}	9.38	8.48	10.28	6626419	7927070	19.63
Aroclor-1260 {4}	9.86	8.96	10.76	3443263	4118105	19.60
Aroclor-1260 {5}	10.92	10.02	11.82	1398495	1564361	11.86
Average %D						14.08

Data File: Y7992.C

GC Column (2nd):

DB-1701P

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.79	3.73	3.87	469907	466536	0.72
Aroclor-1016 {2}	4.39	4.33	4.47	937908	918695	2.05
Aroclor-1016 {3}	5.14	5.08	5.22	2024744	2091579	3.30
Aroclor-1016 {4}	5.35	5.29	5.43	839819	883368	5.19
Aroclor-1016 {5}	5.53	5.46	5.60	656650	675815	2.92
Aroclor-1260	7.89	7.00	8.80	671982	790047	17.57
Aroclor-1260 {2}	8.14	7.25	9.05	988901	1168581	18.17
Aroclor-1260 {3}	9.73	8.84	10.64	858804	1028249	19.73
Aroclor-1260 {4}	10.23	9.35	11.15	1808532	2165718	19.75
Aroclor-1260 {5}	10.82	9.94	11.74	1335706	1563471	17.05
Average %D						10.64

PCB RETENTION TIME SHIFT SUMMARY

Instrument ID: GC-Y

Column: DB-5/DB-1701P

Surrogate RT from initial calibration :

TCMX 1 **2.75** **DCB 1** **12.01** **TCMX 2** **2.92** **DCB 2** **12.52**

	Lab	Date	Time	TCMX 1	DCB 1	TCMX 2	DCB 2		
Client ID	Sample ID	Analyzed	Analyzed	RT	#	RT	#	RT	#
PCB	BLKS130428-03	05/02/2013	15:46	2.75		12.01		2.92	
X-40W_(4.0)	03698-011	05/02/2013	16:54	2.76		12.01		2.91	
X-40W_(6.0)	03698-012	05/02/2013	17:20	2.75		12.01		2.92	
W-37E_(4.0)	03698-014	05/02/2013	17:54	2.76		12.01		2.91	
W-36S_(4.0)	03698-015	05/02/2013	18:11	2.75		12.01		2.91	
W-38N_(0-2)	03698-016	05/02/2013	18:28	2.75		12.01		2.91	
W-38S_(0-2)	03698-018	05/02/2013	19:03	2.75		12.01		2.91	
PCB	LCSS130428-03	05/03/2013	14:32	2.76		12.01		2.91	
X-41W_(0-2)	03698-009	05/03/2013	14:50	2.76		12.01		2.91	
X-40W_(0-2)	03698-010	05/03/2013	15:14	0.00	D	0.00	D	0.00	D
W-37E_(2.0)	03698-013	05/03/2013	16:11	0.00	D	0.00	D	0.00	D
W-38N_(4.0)	03698-017	05/03/2013	16:28	0.00	D	0.00	D	0.00	D
W-40N_(0-2)	03698-019	05/03/2013	16:56	0.00	D	0.00	D	0.00	D
W-40N_(4.0)	03698-020	05/03/2013	17:13	0.00	D	0.00	D	0.00	D
W-40N_(6.0)	03698-021	05/03/2013	17:30	2.76		12.01		2.91	
W-40S_(6.0)	03698-022	05/03/2013	17:48	2.76		12.01		2.91	
W-41S_(0-2)	03698-023	05/03/2013	18:05	2.76		12.02		2.91	
W-41S_(2.0)	03698-024	05/03/2013	18:22	0.00	D	0.00	D	0.00	D
W-41S_(4.0)	03698-025	05/03/2013	18:39	0.00	D	0.00	D	0.00	D
W-41W_(0-2)	03698-026	05/03/2013	18:56	0.00	D	0.00	D	0.00	D
W-41W_(4.0)	03698-027	05/03/2013	19:13	0.00	D	0.00	D	0.00	D
W-40W_(0-2)	03698-028	05/03/2013	19:31	0.00	D	0.00	D	0.00	D
PCB	03698-028MS	05/03/2013	19:48	0.00	D	0.00	D	0.00	D
PCB	03698-028MSD	05/03/2013	20:05	0.00	D	0.00	D	0.00	D

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene

(\pm 0.10 Minutes)

DCB = Decachlorobiphenyl

(\pm 0.10 Minutes)

Column to be used to flag recovery values

* Values outside of QC limits

D Surrogate diluted out

M Matrix interference

PCB RETENTION TIME SHIFT SUMMARY

Instrument ID: GC-Y

Column: DB-5/DB-1701P

Surrogate RT from initial calibration :

TCMX 1	2.76	DCB 1	12.01	TCMX 2	2.91	DCB 2	12.51
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Client ID	Lab	Date	Time	TCMX 1	DCB 1	TCMX 2	DCB 2
	Sample ID	Analyzed	Analyzed	RT #	RT #	RT #	RT #
PCB	BLKS130428-02	05/02/2013	01:17	2.76	12.01	2.91	12.51
X-41E_(2.0)	03661-035	05/02/2013	01:34	2.75	12.01	2.91	12.51
X-41E_(4.0)	03661-036	05/02/2013	01:51	2.76	12.01	2.91	12.51
X-40E_(0-2)	03661-037	05/02/2013	02:08	0.00 D	0.00 D	0.00 D	0.00 D
X-40E_(2.0)	03661-038	05/02/2013	02:26	0.00 D	0.00 D	0.00 D	0.00 D
X-40E_(4.0)	03661-039	05/02/2013	02:43	0.00 D	0.00 D	0.00 D	0.00 D
X-39E_(0-2)	03661-040	05/02/2013	03:00	2.75	12.01	2.91	12.51
X-39E_(6.0)	03661-043	05/02/2013	03:51	2.76	12.01	2.91	12.51
X-38E_(4.0)	03661-046	05/02/2013	04:43	2.76	12.01	2.91	12.51
X-38N_(4.0)	03698-003	05/02/2013	05:34	2.76	12.01	2.91	12.51
X-41S_(4.0)	03698-008	05/02/2013	07:00	2.76	12.01	2.91	12.51
PCB	03698-008MS	05/02/2013	07:17	2.76	12.01	2.91	12.51
PCB	03698-008MSD	05/02/2013	07:35	2.76	12.01	2.91	12.51
PCB	LCSS130428-02	05/02/2013	08:09	2.76	12.01	2.91	12.51
X-39E_(2.0)	03661-041	05/02/2013	10:44	0.00 D	0.00 D	0.00 D	0.00 D
X-39E_(4.0)	03661-042	05/02/2013	11:01	0.00 D	0.00 D	0.00 D	0.00 D
X-38E_(0-2)	03661-044	05/02/2013	11:18	0.00 D	0.00 D	0.00 D	0.00 D
X-38E_(2.0)	03661-045	05/02/2013	11:35	0.00 D	0.00 D	0.00 D	0.00 D
X-38N_(0-2)	03698-001	05/02/2013	11:53	0.00 D	0.00 D	0.00 D	0.00 D
X-38N_(2.0)	03698-002	05/02/2013	12:10	0.00 D	0.00 D	0.00 D	0.00 D
X-38S_(0-2)	03698-004	05/02/2013	12:27	2.76	12.01	2.91	12.51
X-40S_(4.0)	03698-005	05/02/2013	12:44	0.00 D	0.00 D	0.00 D	0.00 D
X-41S_(0-2)	03698-006	05/02/2013	13:01	2.76	12.01	2.91	12.51
X-41S_(2.0)	03698-007	05/02/2013	13:18	2.75	12.01	2.91	12.51

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene

(\pm 0.10 Minutes)

DCB = Decachlorobiphenyl

(\pm 0.10 Minutes)

Column to be used to flag recovery values

* Values outside of QC limits

D Surrogate diluted out

M Matrix interference

PCB RETENTION TIME SHIFT SUMMARY

Instrument ID: GC-Y

Column: DB-5/DB-1701P

Surrogate RT from initial calibration :

TCMX 1	<u>2.76</u>	DCB 1	<u>12.01</u>	TCMX 2	<u>2.91</u>	DCB 2	<u>12.51</u>
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Client ID	Lab	Date	Time	TCMX 1	DCB 1	TCMX 2	DCB 2			
				Analyzed		RT		#	RT	#
PCB	BLKS130428-04	05/03/2013	00:12	2.76	12.01	2.91	12.51			
W-40W_(6.0)	03698-031	05/03/2013	01:04	2.76	12.01	2.91	12.51			
V-39E_(4.0)	03698-033	05/03/2013	01:38	2.76	12.01	2.91	12.51			
WC-1	03732-001	05/03/2013	01:55	2.76	12.01	2.91	12.51			
T-35N_(0-2)	03750-002	05/03/2013	02:30	2.76	12.01	2.91	12.51			
V-37N_(4.0)	03750-003	05/03/2013	02:47	2.76	12.01	2.91	12.51			
V-38N_(4.0)	03750-005	05/03/2013	03:21	2.76	12.01	2.91	12.51			
V-41S_(0-2)	03750-010	05/03/2013	04:47	2.76	12.01	2.91	12.51			
V-41S_(2.0)	03750-011	05/03/2013	05:04	0.00	D	0.00	D	0.00	D	0.00
PCB	03732-001MS	05/03/2013	06:13	2.76	12.01	2.91	12.51			
PCB	03732-001MSD	05/03/2013	06:30	2.76	12.01	2.91	12.51			
PCB	LCSS130428-04	05/03/2013	06:47	2.76	12.01	2.91	12.51			
W-40W_(2.0)	03698-029	05/03/2013	20:56	0.00	D	0.00	D	0.00	D	0.00
W-40W_(4.0)	03698-030	05/03/2013	21:14	0.00	D	0.00	D	0.00	D	0.00
V-39E_(0-2)	03698-032	05/03/2013	21:31	0.00	D	0.00	D	0.00	D	0.00
V-36N_(2.0)	03750-001	05/03/2013	21:48	2.76	12.01	2.91	12.50			
V-38N_(0-2)	03750-004	05/03/2013	22:05	0.00	D	0.00	D	0.00	D	0.00
V-39S_(0-2)	03750-006	05/03/2013	22:22	0.00	D	0.00	D	0.00	D	0.00
V-39S_(2.0)	03750-007	05/03/2013	22:39	0.00	D	0.00	D	0.00	D	0.00
V-40S_(0-2)	03750-008	05/03/2013	22:57	0.00	D	0.00	D	0.00	D	0.00
V-40S_(2.0)	03750-009	05/03/2013	23:14	0.00	D	0.00	D	0.00	D	0.00
V-41S_(4.0)	03750-012	05/03/2013	23:31	2.76	12.01	2.91	12.51			
V-42E_(2.0)	03750-013	05/03/2013	23:48	0.00	D	0.00	D	0.00	D	0.00
V-42E_(4.0)	03750-014	05/04/2013	00:06	0.00	D	0.00	D	0.00	D	0.00

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene

(\pm 0.10 Minutes)

DCB = Decachlorobiphenyl

(\pm 0.10 Minutes)

Column to be used to flag recovery values

* Values outside of QC limits

D Surrogate diluted out

M Matrix interference

PCB RETENTION TIME SHIFT SUMMARY

Instrument ID: GC-Y

Column: DB-5/DB-1701P

Surrogate RT from initial calibration :

TCMX 1	<u>2.79</u>	DCB 1	<u>12.06</u>	TCMX 2	<u>2.87</u>	DCB 2	<u>12.39</u>
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Client ID	Lab	Date	Time	TCMX 1	DCB 1	TCMX 2	DCB 2
	Sample ID	Analyzed	Analyzed	RT #	RT #	RT #	RT #
PCB	BLKA130425-08	04/26/2013	08:46	2.79	12.06	2.87	12.39
FB-1	03600-001	04/26/2013	09:03	2.79	12.07	2.87	12.39
FB-2	03600-002	04/26/2013	09:20	2.79	12.06	2.87	12.39
TWP1	03600-013	04/26/2013	09:37	2.79	12.06	2.87	12.39
TWP101	03600-015	04/26/2013	09:55	2.79	12.07	2.87	12.39
TWP2	03600-017	04/26/2013	10:12	2.79	12.06	2.87	12.39
PCB	03600-013MS	04/26/2013	10:29	2.79	12.07	2.87	12.39
PCB	03600-013MSD	04/26/2013	10:46	2.79	12.07	2.87	12.39
PCB	LCSA130425-08	04/26/2013	11:03	2.79	12.07	2.87	12.39

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene

(\pm 0.10 Minutes)

DCB = Decachlorobiphenyl

(\pm 0.10 Minutes)

Column to be used to flag recovery values

* Values outside of QC limits

D Surrogate diluted out

M Matrix interference

PCB RETENTION TIME SHIFT SUMMARY

Instrument ID: GC-R

Column: DB-5/DB-1701P

Surrogate RT from initial calibration :

	TCMX 1	<u>2.76</u>	DCB 1	<u>12.10</u>	TCMX 2	<u>2.61</u>	DCB 2	<u>12.03</u>
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Client ID	Lab	Date	Time	TCMX 1	DCB 1	TCMX 2	DCB 2
	Sample ID	Analyzed	Analyzed	RT	#	RT	#
PCB	BLKA130430-13	05/02/2013	03:04	2.76		12.10	
EFF-END	03763-003	05/02/2013	03:21	2.76		12.10	
TW-GARAGE-	03780-006	05/02/2013	03:38	2.76		12.10	
TW-PL-1/4.	03780-008	05/02/2013	03:56	2.76		12.10	
TW-PL-3/4.	03780-010	05/02/2013	04:13	2.76		12.10	
FB-75	03698-034	05/02/2013	04:31	2.76		12.10	
EFF-MID	03763-002	05/02/2013	05:06	2.76		12.10	
PCB	LCSA130430-13	05/02/2013	05:23	2.76		12.10	

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene

(\pm 0.10 Minutes)

DCB = Decachlorobiphenyl

(\pm 0.10 Minutes)

Column to be used to flag recovery values

* Values outside of QC limits

D Surrogate diluted out

M Matrix interference

PCB SAMPLE DATA

E13-03698 0108

Data Path : C:\MSDCHEM\1\DATA\05-02-13\
 Data File : Y7882.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 02 May 2013 11:53
 Operator : NG
 Sample : X-38N_(0-2,03698-001,S,5.72g,28.3,04/28/13,4
 Misc : 130428-02,04/23/13,04/23/13,100
 ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 03 11:57:53 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
 Quant Title :
 QLast Update : Thu May 02 09:45:50 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
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System Monitoring Compounds

Target Compounds

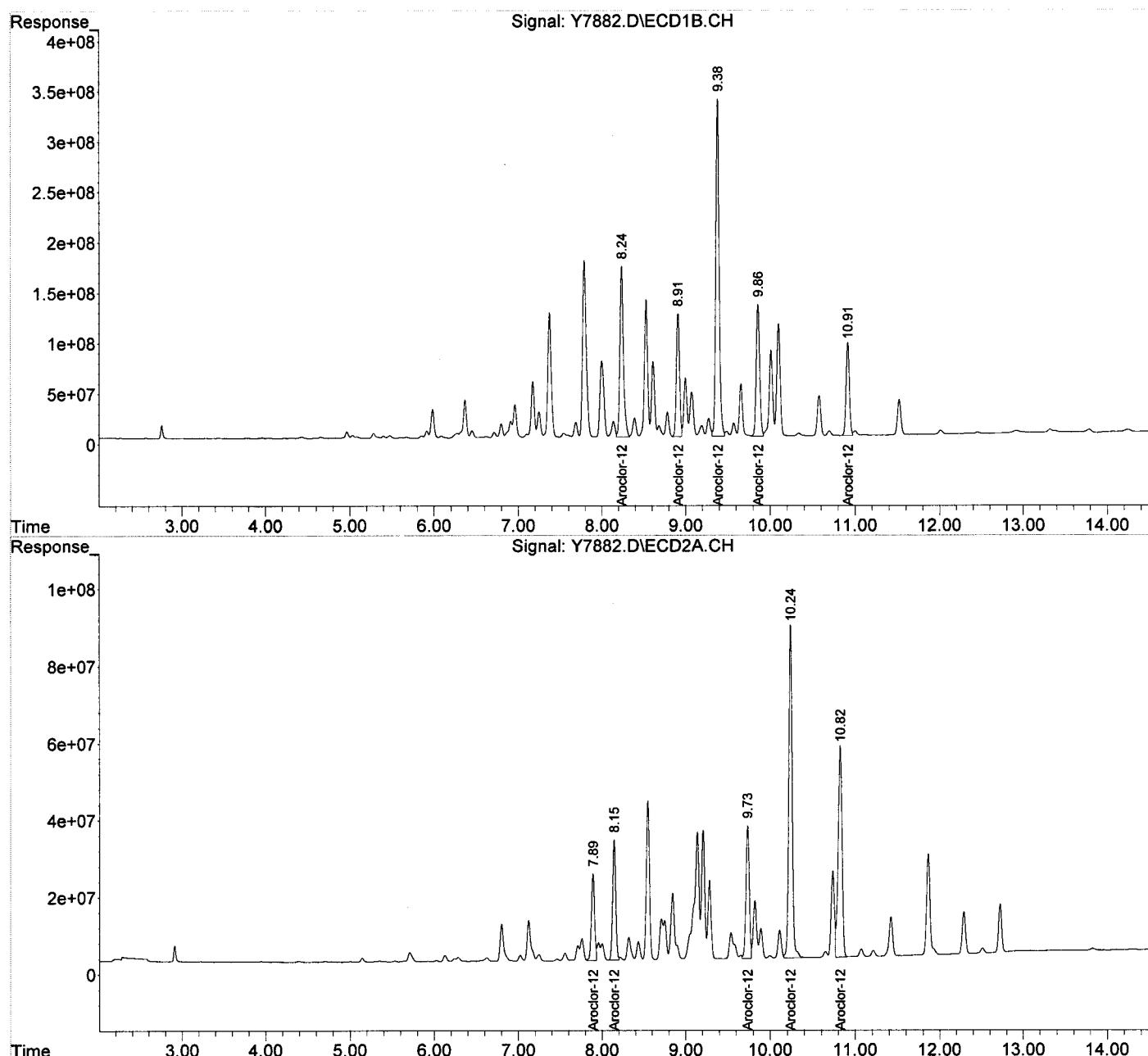
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.24	7.89	4855.7E6	604.1E6	787.712	898.950
34) L8 Aroclor-1260 {2}	8.91	8.15	3246.6E6	805.6E6	1156.204	814.691 #
35) L8 Aroclor-1260 {3}	9.38	9.73	9150.8E6	946.1E6	1380.952	1101.653
36) L8 Aroclor-1260 {4}	9.86	10.24	3731.9E6	2439.1E6	1083.829	1348.669
37) L8 Aroclor-1260 {5}	10.92	10.82	2511.4E6	1757.1E6	1795.802	1315.496 #
Sum Aroclor-1260			23496.4E6	6552.1E6	6204.500	5479.458
Average Aroclor-1260					1240.900	1095.892
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-02-13\
Data File : Y7882.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 02 May 2013 11:53
Operator : NG
Sample : X-38N_(0-2,03698-001,S,5.72g,28.3,04/28/13,4
Misc : 130428-02,04/23/13,04/23/13,100
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 03 11:57:53 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
Quant Title :
QLast Update : Thu May 02 09:45:50 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-02-13\
 Data File : Y7883.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 02 May 2013 12:10
 Operator : NG
 Sample : X-38N_(2.0,03698-002,S,5.28g,37.0,04/28/13,4
 Misc : 130428-02,04/23/13,04/23/13,100
 ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 03 12:00:31 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
 Quant Title :
 QLast Update : Thu May 02 09:45:50 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
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System Monitoring Compounds

Target Compounds

Sum Aroclor-1016		0	0	N.D.	N.D.
Average Aroclor-1016				0.000	0.000

Sum Aroclor-1221		0	0	N.D.	N.D.
Average Aroclor-1221				0.000	0.000

Sum Aroclor-1232		0	0	N.D.	N.D.
Average Aroclor-1232				0.000	0.000

Sum Aroclor-1242		0	0	N.D.	N.D.
Average Aroclor-1242				0.000	0.000

Sum Aroclor-1248		0	0	N.D.	N.D.
Average Aroclor-1248				0.000	0.000

28) L7 Aroclor-1254	6.37	7.12	2420.2E6	1311.4E6	548.417m	1041.318 #
29) L7 Aroclor-1254 {2}	6.80	7.71	1636.3E6	928.8E6	558.195	968.283 #
30) L7 Aroclor-1254 {3}	6.96	8.32	3621.7E6	1029.9E6	664.031	1098.290 #
31) L7 Aroclor-1254 {4}	7.39	8.55	4955.9E6	950.6E6	921.212	1798.092 #
32) L7 Aroclor-1254 {5}	8.23	9.14	2945.1E6	1416.8E6	589.635	1131.149m#
Sum Aroclor-1254			15579.2E6	5637.5E6	3281.490	6037.133
Average Aroclor-1254					656.298	1207.427

33) L8 Aroclor-1260	8.23	7.89	2945.1E6	1523.9E6	477.766	2267.827 #
34) L8 Aroclor-1260 {2}	8.91	8.15	1340.9E6	961.3E6	477.527	972.072 #
35) L8 Aroclor-1260 {3}	9.38	9.73	3443.1E6	788.9E6	519.598	918.653 #
36) L8 Aroclor-1260 {4}	9.86	10.24	1411.4E6	1295.9E6	409.893	716.571 #
37) L8 Aroclor-1260 {5}	10.91	10.83	750.9E6	697.8E6	536.962	522.448
Sum Aroclor-1260			9891.4E6	5267.9E6	2421.745	5397.572
Average Aroclor-1260					484.349	1079.514

Sum Aroclor-1262		0	0	N.D.	N.D.
Average Aroclor-1262				0.000	0.000

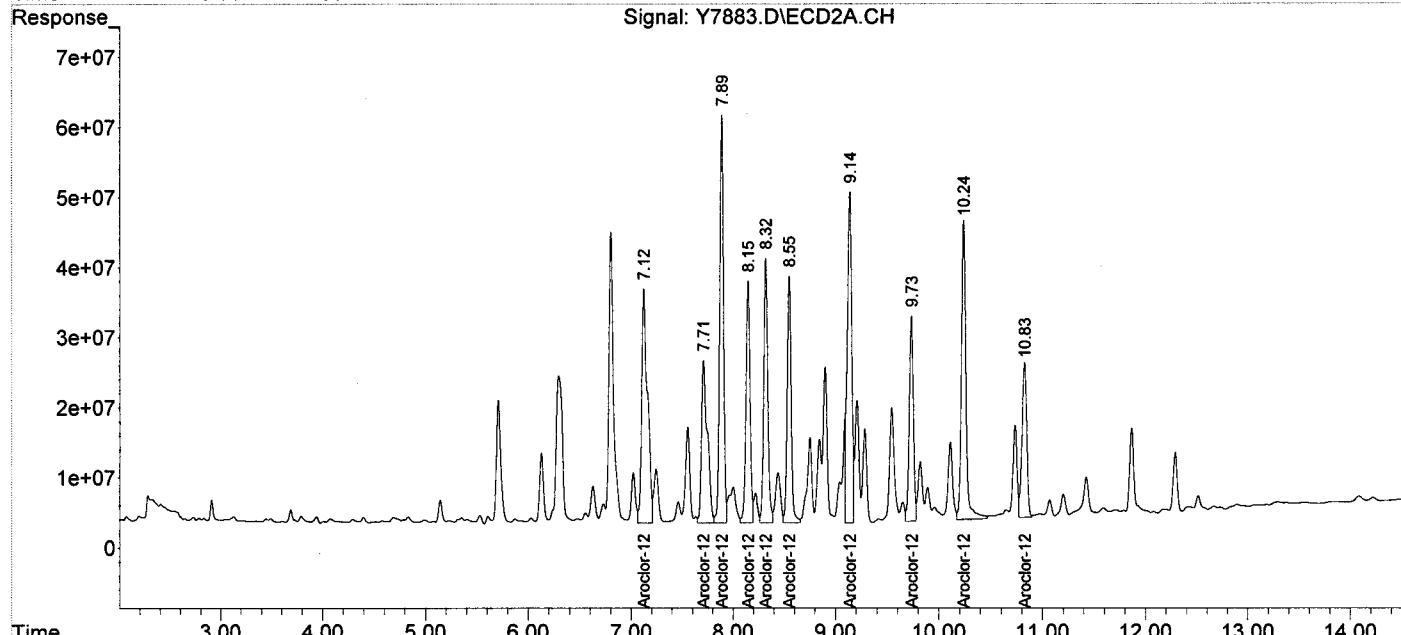
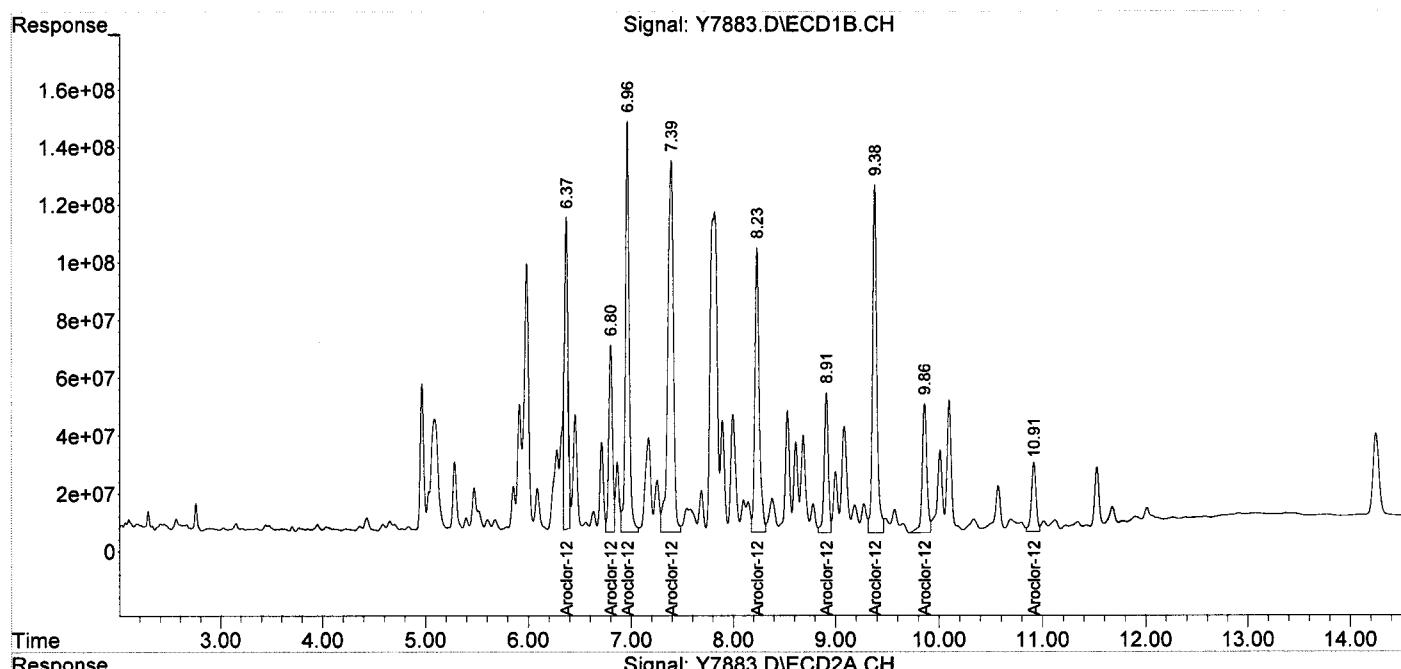
Sum Aroclor-1268		0	0	N.D.	N.D.
Average Aroclor-1268				0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-02-13\
Data File : Y7883.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 02 May 2013 12:10
Operator : NG
Sample : X-38N_(2.0,03698-002,S,5.28g,37.0,04/28/13,4
Misc : 130428-02,04/23/13,04/23/13,100
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 03 12:00:31 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
Quant Title :
QLast Update : Thu May 02 09:45:50 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-01-13\
 Data File : Y7867.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 02 May 2013 5:34
 Operator : NG
 Sample : X-38N_(4.0,03698-003,S,5.65g,73.1,04/28/13,4
 Misc : 130428-02,04/23/13,04/23/13,1
 ALS Vial : 53 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 03 11:42:00 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
 Quant Title :
 QLast Update : Thu May 02 09:45:50 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

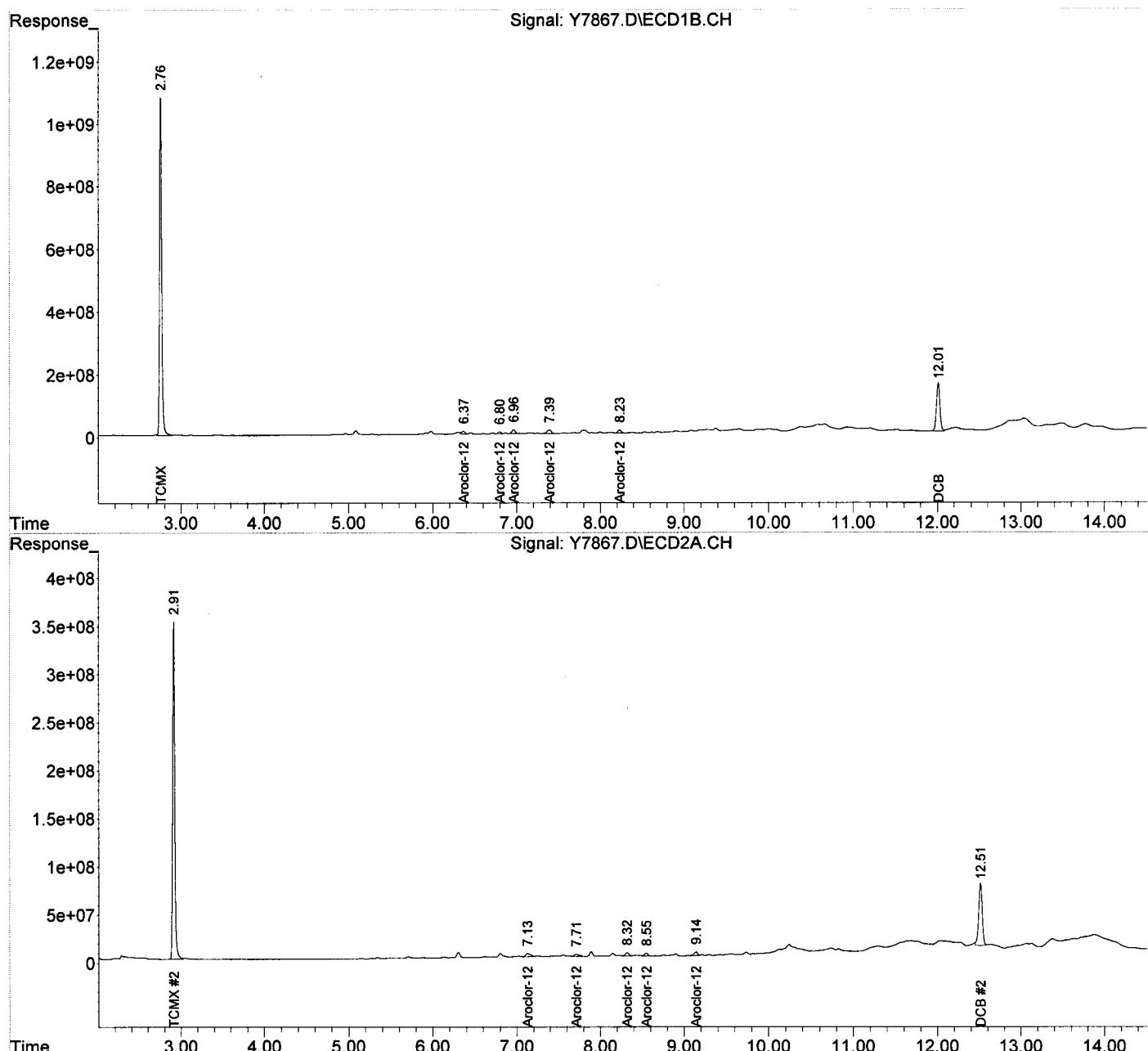
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.76	2.91	19242.3E6	6131.7E6	303.533	322.352
Spiked Amount	200.000			Recovery	= 151.77%	161.18%
2) S DCB	12.01	12.51	4414.1E6	1901.1E6	290.622	371.530m#
Spiked Amount	200.000			Recovery	= 145.31%	185.76%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
28) L7 Aroclor-1254	6.37	7.13	259.0E6	132.4E6	58.686	105.127m#
29) L7 Aroclor-1254	{2}	6.80	7.71	146.8E6	91803134	50.067m
30) L7 Aroclor-1254	{3}	6.96	8.32	343.3E6	98352658	62.936m
31) L7 Aroclor-1254	{4}	7.39	8.55	392.7E6	82536465	73.004m
32) L7 Aroclor-1254	{5}	8.23	9.14	293.5E6	122.6E6	58.757
Sum Aroclor-1254			1435.2E6	527.7E6	303.450	559.706
Average Aroclor-1254					60.690	111.941
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-01-13\
Data File : Y7867.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 02 May 2013 5:34
Operator : NG
Sample : X-38N_(4.0,03698-003,S,5.65g,73.1,04/28/13,4
Misc : 130428-02,04/23/13,04/23/13,1
ALS Vial : 53 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 03 11:42:00 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
Quant Title :
QLast Update : Thu May 02 09:45:50 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-02-13\
 Data File : Y7884.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 02 May 2013 12:27
 Operator : NG
 Sample : X-38S_(0-2,03698-004,S,5.45g,27.1,04/28/13,4
 Misc : 130428-02,04/23/13,04/23/13,10
 ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 03 12:02:11 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
 Quant Title :
 QLast Update : Thu May 02 09:45:50 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

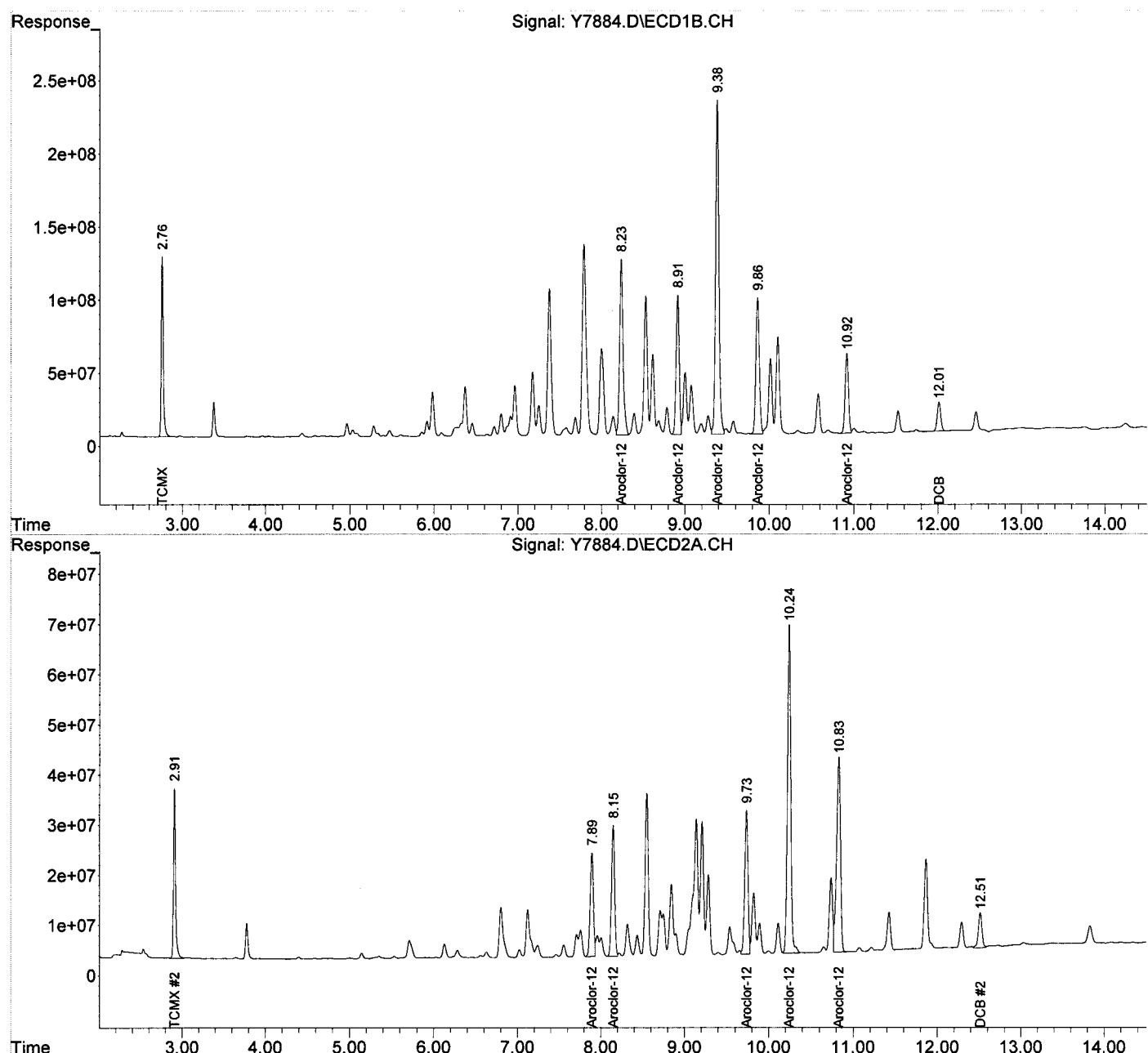
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.76	2.91	2079.1E6	597.2E6	32.796	31.398
Spiked Amount	200.000			Recovery	=	16.40% 15.70%
2) S DCB	12.01	12.51	571.1E6	214.9E6	37.602m	42.001
Spiked Amount	200.000			Recovery	=	18.80% 21.00%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.24	7.89	3458.5E6	557.5E6	561.055	829.704 #
34) L8 Aroclor-1260	{2}	8.91	2491.5E6	682.1E6	887.272	689.724
35) L8 Aroclor-1260	{3}	9.38	6289.2E6	773.5E6	949.105	900.696
36) L8 Aroclor-1260	{4}	9.86	2668.1E6	1807.5E6	774.881	999.438 #
37) L8 Aroclor-1260	{5}	10.92	1515.7E6	1264.2E6	1083.793	946.433
Sum Aroclor-1260			16422.9E6	5084.8E6	4256.106	4365.995
Average Aroclor-1260					851.221	873.199
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-02-13\
 Data File : Y7884.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 02 May 2013 12:27
 Operator : NG
 Sample : X-38S_(0-2,03698-004,S,5.45g,27.1,04/28/13,4
 Misc : 130428-02,04/23/13,04/23/13,10
 ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 03 12:02:11 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
 Quant Title :
 QLast Update : Thu May 02 09:45:50 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-02-13\
 Data File : Y7885.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 02 May 2013 12:44
 Operator : NG
 Sample : X-40S_(4.0,03698-005,S,5.35g,54.5,04/28/13,4
 Misc : 130428-02,04/23/13,04/23/13,200
 ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 03 12:02:52 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
 Quant Title :
 QLast Update : Thu May 02 09:45:50 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
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System Monitoring Compounds

Target Compounds

Sum Aroclor-1016		0	0	N.D.	N.D.
Average Aroclor-1016				0.000	0.000

Sum Aroclor-1221		0	0	N.D.	N.D.
Average Aroclor-1221				0.000	0.000

Sum Aroclor-1232		0	0	N.D.	N.D.
Average Aroclor-1232				0.000	0.000

Sum Aroclor-1242		0	0	N.D.	N.D.
Average Aroclor-1242				0.000	0.000

Sum Aroclor-1248		0	0	N.D.	N.D.
Average Aroclor-1248				0.000	0.000

Sum Aroclor-1254		0	0	N.D.	N.D.
Average Aroclor-1254				0.000	0.000

33) L8 Aroclor-1260	8.24	7.89	3837.7E6	591.9E6	622.566	880.822 #
34) L8 Aroclor-1260	{2}	8.91	2834.3E6	842.3E6	1009.365	851.743
35) L8 Aroclor-1260	{3}	9.38	7298.5E6	872.0E6	1101.426	1015.332
36) L8 Aroclor-1260	{4}	9.86	3301.6E6	2388.7E6	958.850	1320.815 #
37) L8 Aroclor-1260	{5}	10.92	1868.9E6	1445.4E6	1336.395	1082.122
Sum Aroclor-1260			19141.0E6	6140.3E6	5028.602	5150.833
Average Aroclor-1260					1005.720	1030.167

Sum Aroclor-1262		0	0	N.D.	N.D.
Average Aroclor-1262				0.000	0.000

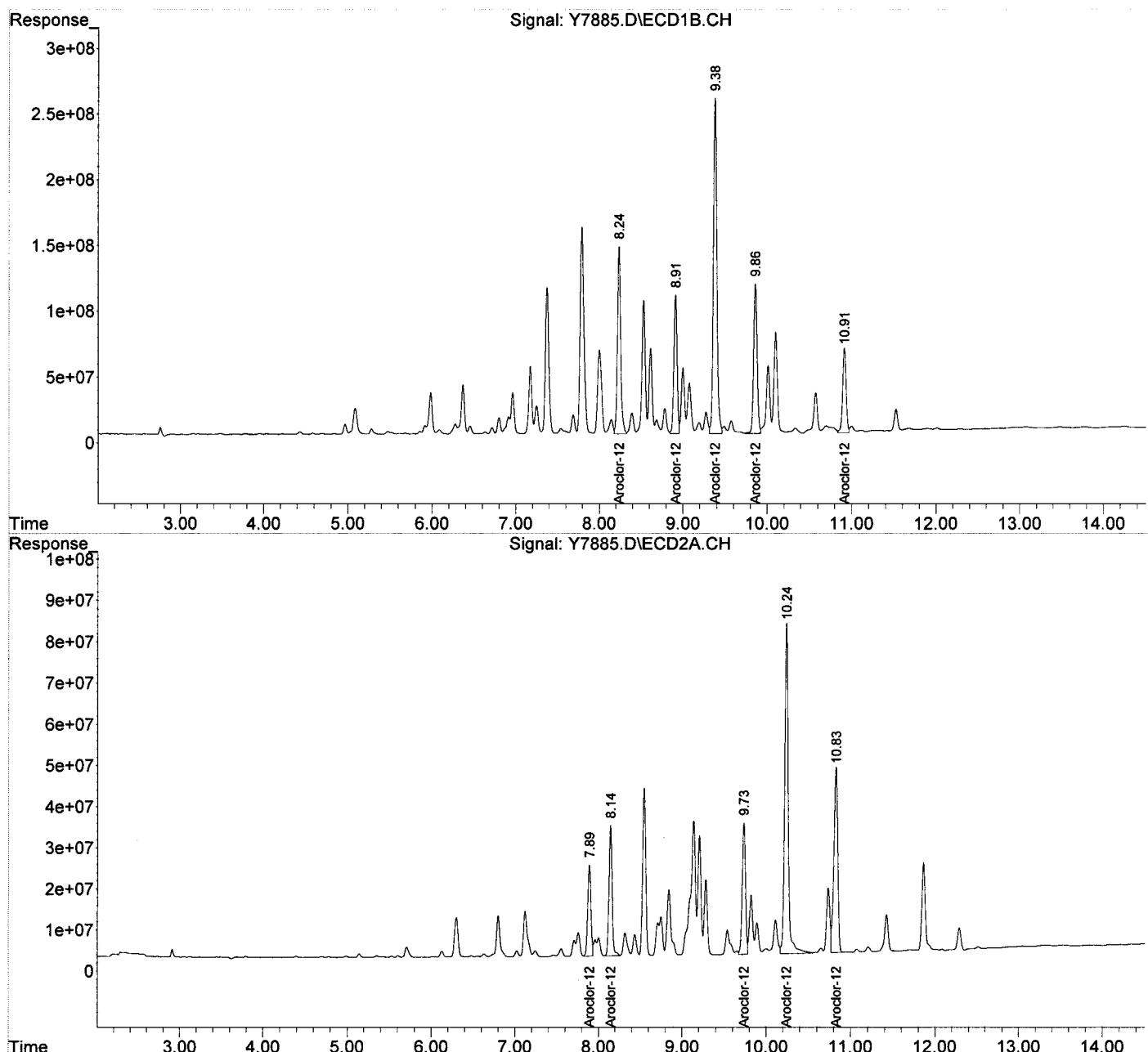
Sum Aroclor-1268		0	0	N.D.	N.D.
Average Aroclor-1268				0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-02-13\
Data File : Y7885.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 02 May 2013 12:44
Operator : NG
Sample : X-40S_(4.0,03698-005,S,5.35g,54.5,04/28/13,4
Misc : 130428-02,04/23/13,04/23/13,200
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 03 12:02:52 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
Quant Title :
QLast Update : Thu May 02 09:45:50 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-02-13\
 Data File : Y7886.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 02 May 2013 13:01
 Operator : NG
 Sample : X-41S_(0-2,03698-006,S,5.03g,29.1,04/28/13,4
 Misc : 130428-02,04/23/13,04/23/13,20
 ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 03 12:05:25 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
 Quant Title :
 QLast Update : Thu May 02 09:45:50 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.76	2.91	1062.0E6	317.2E6	16.752	16.677
Spiked Amount	200.000			Recovery	=	8.38% 8.34%
2) S DCB	12.01	12.51	391.4E6	141.3E6	25.768	27.610
Spiked Amount	200.000			Recovery	=	12.88% 13.81%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
28) L7 Aroclor-1254	6.37	7.12	2066.6E6	472.6E6	468.288	375.255
29) L7 Aroclor-1254 {2}	6.80	7.71	1186.3E6	313.9E6	404.707	327.271
30) L7 Aroclor-1254 {3}	6.96	8.32	2434.4E6	492.5E6	446.337	525.166
31) L7 Aroclor-1254 {4}	7.38	8.55	4428.1E6	875.1E6	823.117	1655.156 #
32) L7 Aroclor-1254 {5}	8.24	9.14	4482.6E6	1293.0E6	897.459	1032.308
Sum Aroclor-1254			14598.1E6	3447.0E6	3039.908	3915.155
Average Aroclor-1254					607.982	783.031
33) L8 Aroclor-1260	8.24	0.00	4482.6E6	0	727.188	N.D. d#
34) L8 Aroclor-1260 {2}	8.91	8.15	2042.4E6	804.6E6	727.343	813.637
35) L8 Aroclor-1260 {3}	9.38	9.73	4653.1E6	682.7E6	702.198	794.965
36) L8 Aroclor-1260 {4}	9.86	10.24	2057.6E6	1310.9E6	597.572	724.858
37) L8 Aroclor-1260 {5}	10.92	10.83	1103.0E6	911.8E6	788.685	682.612
Sum Aroclor-1260			14338.6E6	3710.0E6	3542.986	3016.072
Average Aroclor-1260					708.597	754.018
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Data Path : C:\MSDCHEM\1\DATA\05-02-13\
Data File : Y7886.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 02 May 2013 13:01
Operator : NG
Sample : X-41S_(0-2,03698-006,S,5.03g,29.1,04/28/13,4
Misc : 130428-02,04/23/13,04/23/13,20
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 03 12:05:25 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
Quant Title :
QLast Update : Thu May 02 09:45:50 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

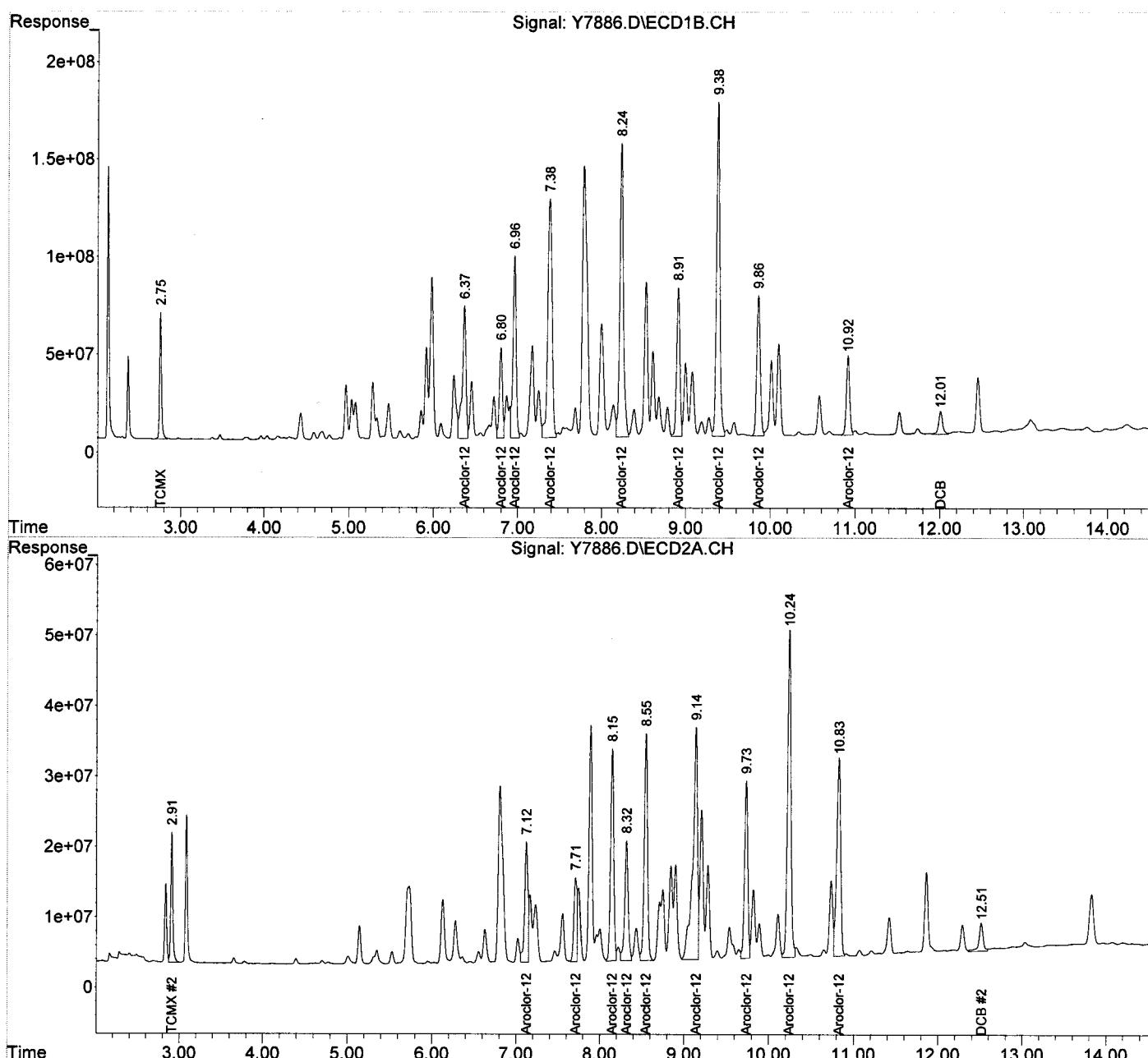
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
-----	-----	-----	-----	-----	-----	-----

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-02-13\
 Data File : Y7886.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 02 May 2013 13:01
 Operator : NG
 Sample : X-41S_(0-2,03698-006,S,5.03g,29.1,04/28/13,4
 Misc : 130428-02,04/23/13,04/23/13,20
 ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 03 12:05:25 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
 Quant Title :
 QLast Update : Thu May 02 09:45:50 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-02-13\
 Data File : Y7887.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 02 May 2013 13:18
 Operator : NG
 Sample : X-41S_(2.0,03698-007,S,5.21g,39.6,04/28/13,4
 Misc : 130428-02,04/23/13,04/23/13,20
 ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 03 12:09:04 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
 Quant Title :
 QLast Update : Thu May 02 09:45:50 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

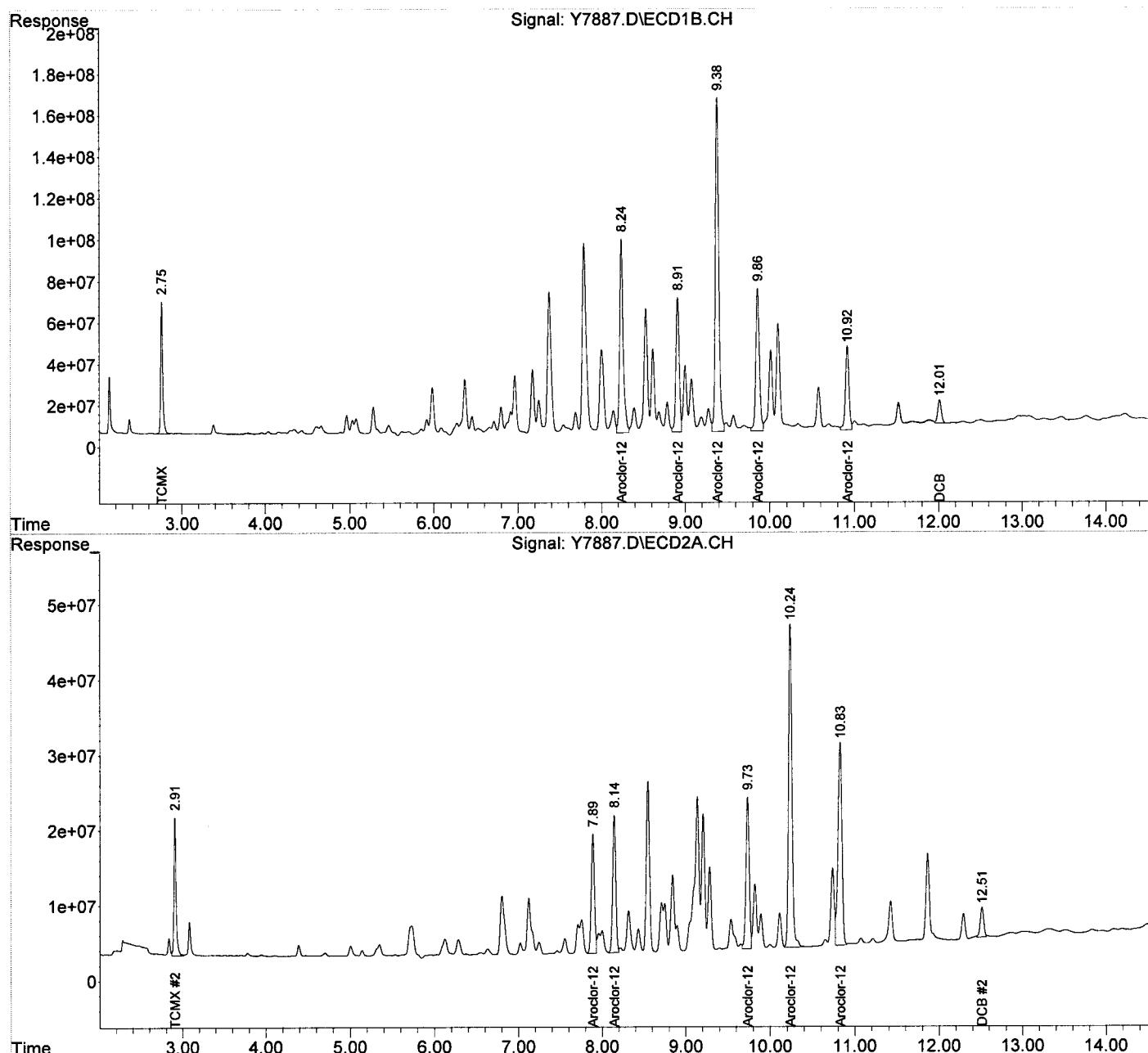
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2	
<hr/>							
System Monitoring Compounds							
1) S TCMX	2.75	2.91	1086.3E6	330.1E6	17.135	17.352	
Spiked Amount	200.000			Recovery	=	8.57% 8.68%	
2) S DCB	12.01	12.51	330.7E6	116.1E6	21.772m	22.694m	
Spiked Amount	200.000			Recovery	=	10.89% 11.35%	
<hr/>							
Target Compounds							
Sum Aroclor-1016			0	0	N.D.	N.D.	
Average Aroclor-1016					0.000	0.000	
Sum Aroclor-1221			0	0	N.D.	N.D.	
Average Aroclor-1221					0.000	0.000	
Sum Aroclor-1232			0	0	N.D.	N.D.	
Average Aroclor-1232					0.000	0.000	
Sum Aroclor-1242			0	0	N.D.	N.D.	
Average Aroclor-1242					0.000	0.000	
Sum Aroclor-1248			0	0	N.D.	N.D.	
Average Aroclor-1248					0.000	0.000	
Sum Aroclor-1254			0	0	N.D.	N.D.	
Average Aroclor-1254					0.000	0.000	
33) L8 Aroclor-1260	8.24	7.89	2759.8E6	423.0E6	447.700	629.458 #	
34) L8 Aroclor-1260	{2}	8.91	8.14	1816.1E6	474.7E6	646.751	480.043 #
35) L8 Aroclor-1260	{3}	9.38	9.73	4644.1E6	548.8E6	700.853	639.071
36) L8 Aroclor-1260	{4}	9.86	10.24	2052.4E6	1227.4E6	596.052	678.693
37) L8 Aroclor-1260	{5}	10.92	10.83	1198.4E6	882.6E6	856.912	660.800
Sum Aroclor-1260				12470.7E6	3556.6E6	3248.268	3088.066
Average Aroclor-1260						649.654	617.613
Sum Aroclor-1262			0	0	N.D.	N.D.	
Average Aroclor-1262					0.000	0.000	
Sum Aroclor-1268			0	0	N.D.	N.D.	
Average Aroclor-1268					0.000	0.000	
<hr/>							

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-02-13\
Data File : Y7887.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 02 May 2013 13:18
Operator : NG
Sample : X-41S_(2.0,03698-007,S,5.21g,39.6,04/28/13,4
Misc : 130428-02,04/23/13,04/23/13,20
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 03 12:09:04 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
Quant Title :
QLast Update : Thu May 02 09:45:50 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-01-13\
 Data File : Y7872.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 02 May 2013 7:00
 Operator : NG
 Sample : X-41S_(4.0,03698-008,S,5.06g,79.6,04/28/13,4
 Misc : 130428-02,04/23/13,04/23/13,1
 ALS Vial : 58 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 03 11:45:11 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
 Quant Title :
 QLast Update : Thu May 02 09:45:50 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

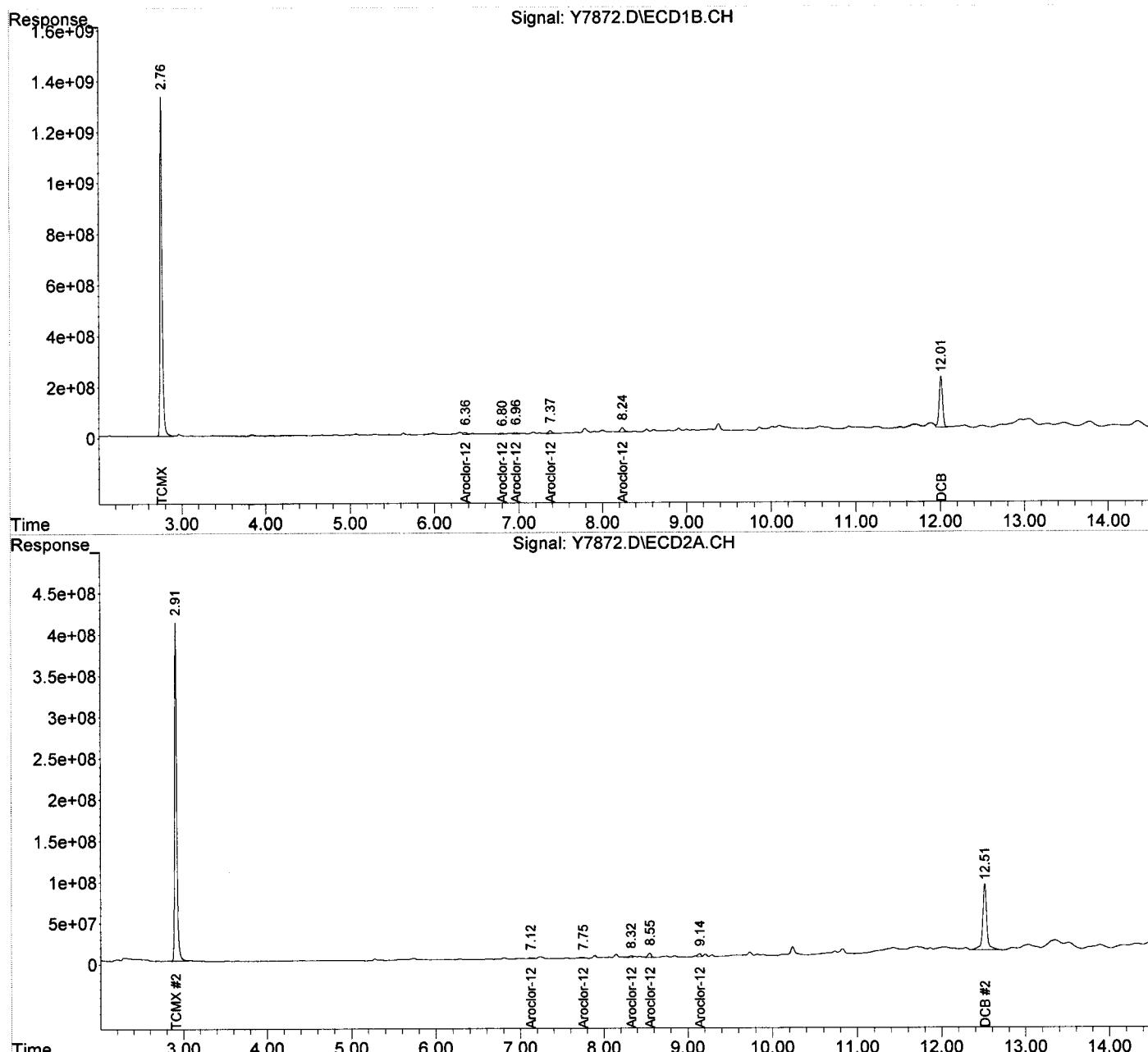
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.76	2.91	23613.8E6	7289.8E6	372.491	383.233
Spiked Amount	200.000			Recovery	= 186.25%	191.62%
2) S DCB	12.01	12.51	5562.5E6	2708.8E6	366.237m	529.391m#
Spiked Amount	200.000			Recovery	= 183.12%	264.70%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
28) L7 Aroclor-1254	6.37	7.12	244.3E6	38247929	55.368	30.371m#
29) L7 Aroclor-1254 {2}	6.80	7.75	118.8E6	49324662	40.538	51.420m#
30) L7 Aroclor-1254 {3}	6.96	8.32	229.6E6	52018878	42.096	55.475m#
31) L7 Aroclor-1254 {4}	7.37	8.55	356.7E6	141.4E6	66.300m	267.530m#
32) L7 Aroclor-1254 {5}	8.24	9.14	556.8E6	103.7E6	111.476m	82.808m#
Sum Aroclor-1254			1506.2E6	384.8E6	315.778	487.603
Average Aroclor-1254					63.156	97.521
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-01-13\
Data File : Y7872.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 02 May 2013 7:00
Operator : NG
Sample : X-41S_(4.0,03698-008,S,5.06g,79.6,04/28/13,4
Misc : 130428-02,04/23/13,04/23/13,1
ALS Vial : 58 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 03 11:45:11 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
Quant Title :
QLast Update : Thu May 02 09:45:50 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-03-13\
 Data File : Y7963.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 03 May 2013 14:50
 Operator : NG
 Sample : X-41W_(0-2,03698-009,S,5.00g,26.8,04/28/13,4
 Misc : 130428-03,04/23/13,04/23/13,10
 ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 06 13:35:24 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
 Quant Title :
 QLast Update : Thu May 02 09:45:50 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
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System Monitoring Compounds

1) S TCMX	2.76	2.91	2315.0E6	623.8E6	36.518	32.794
Spiked Amount	200.000			Recovery	=	18.26% 16.40%
2) S DCB	12.01	12.51	540.5E6	183.8E6	35.585m	35.924m
Spiked Amount	200.000			Recovery	=	17.79% 17.96%

Target Compounds

Sum Aroclor-1016		0	0	N.D.	N.D.
Average Aroclor-1016				0.000	0.000

Sum Aroclor-1221		0	0	N.D.	N.D.
Average Aroclor-1221				0.000	0.000

Sum Aroclor-1232		0	0	N.D.	N.D.
Average Aroclor-1232				0.000	0.000

Sum Aroclor-1242		0	0	N.D.	N.D.
Average Aroclor-1242				0.000	0.000

Sum Aroclor-1248		0	0	N.D.	N.D.
Average Aroclor-1248				0.000	0.000

28) L7 Aroclor-1254	6.37	7.12	1830.8E6	561.8E6	414.844	446.081
29) L7 Aroclor-1254 {2}	6.80	7.71	1015.5E6	457.0E6	346.427	476.366 #
30) L7 Aroclor-1254 {3}	6.97	8.32	2328.4E6	409.2E6	426.901	436.430
31) L7 Aroclor-1254 {4}	7.38	8.55	3652.1E6	737.0E6	678.867	1393.977 #
32) L7 Aroclor-1254 {5}	8.24	9.14	3808.8E6	1117.1E6	762.555	891.866
Sum Aroclor-1254			12635.5E6	3282.1E6	2629.594	3644.719
Average Aroclor-1254					525.919	728.944

33) L8 Aroclor-1260	8.24	7.89	3808.8E6	755.1E6	617.879	1123.656 #
34) L8 Aroclor-1260 {2}	8.92	8.14	1692.5E6	620.9E6	602.749	627.888
35) L8 Aroclor-1260 {3}	9.39	9.73	4509.4E6	603.7E6	680.523	702.960
36) L8 Aroclor-1260 {4}	9.86	10.24	1906.7E6	1272.5E6	553.742	703.635 #
37) L8 Aroclor-1260 {5}	10.92	10.82	998.0E6	898.1E6	713.655	672.382
Sum Aroclor-1260			12915.5E6	4150.4E6	3168.548	3830.520
Average Aroclor-1260					633.710	766.104

Sum Aroclor-1262		0	0	N.D.	N.D.
Average Aroclor-1262				0.000	0.000

Sum Aroclor-1268		0	0	N.D.	N.D.
Average Aroclor-1268				0.000	0.000

Data Path : C:\MSDCHEM\1\DATA\05-03-13\
Data File : Y7963.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 May 2013 14:50
Operator : NG
Sample : X-41W_(0-2,03698-009,S,5.00g,26.8,04/28/13,4
Misc : 130428-03,04/23/13,04/23/13,10
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 06 13:35:24 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
Quant Title :
QLast Update : Thu May 02 09:45:50 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
-----	-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----	-----

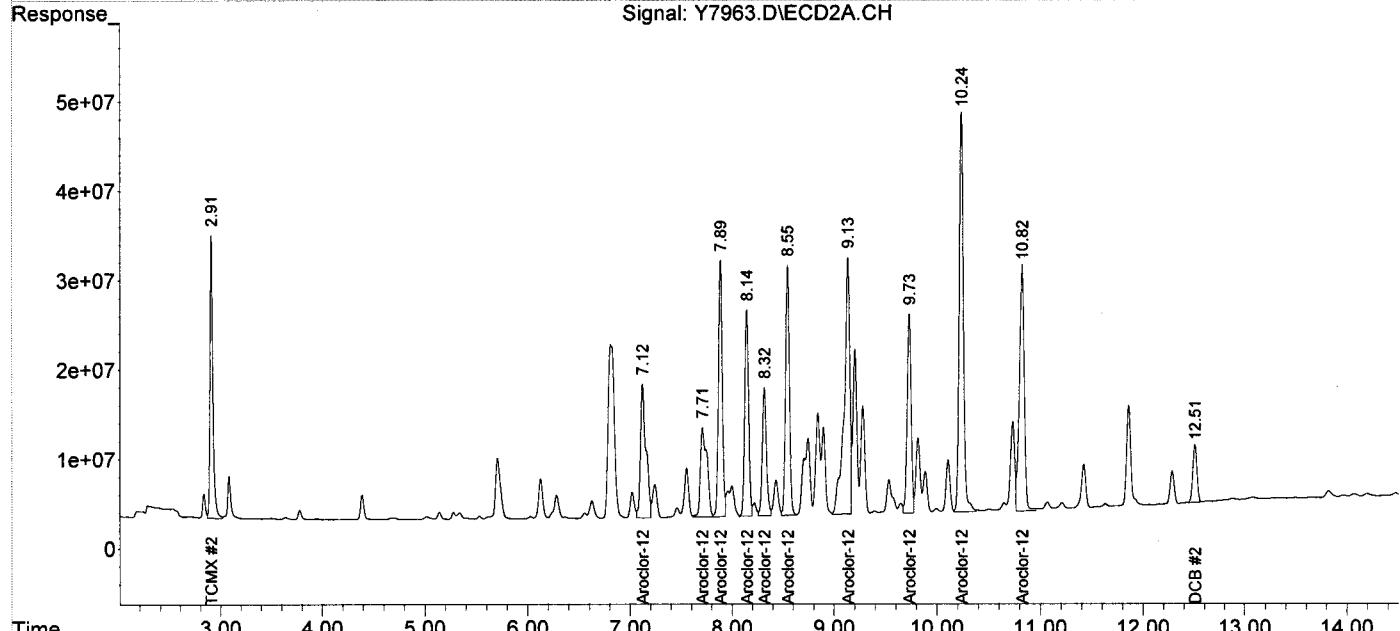
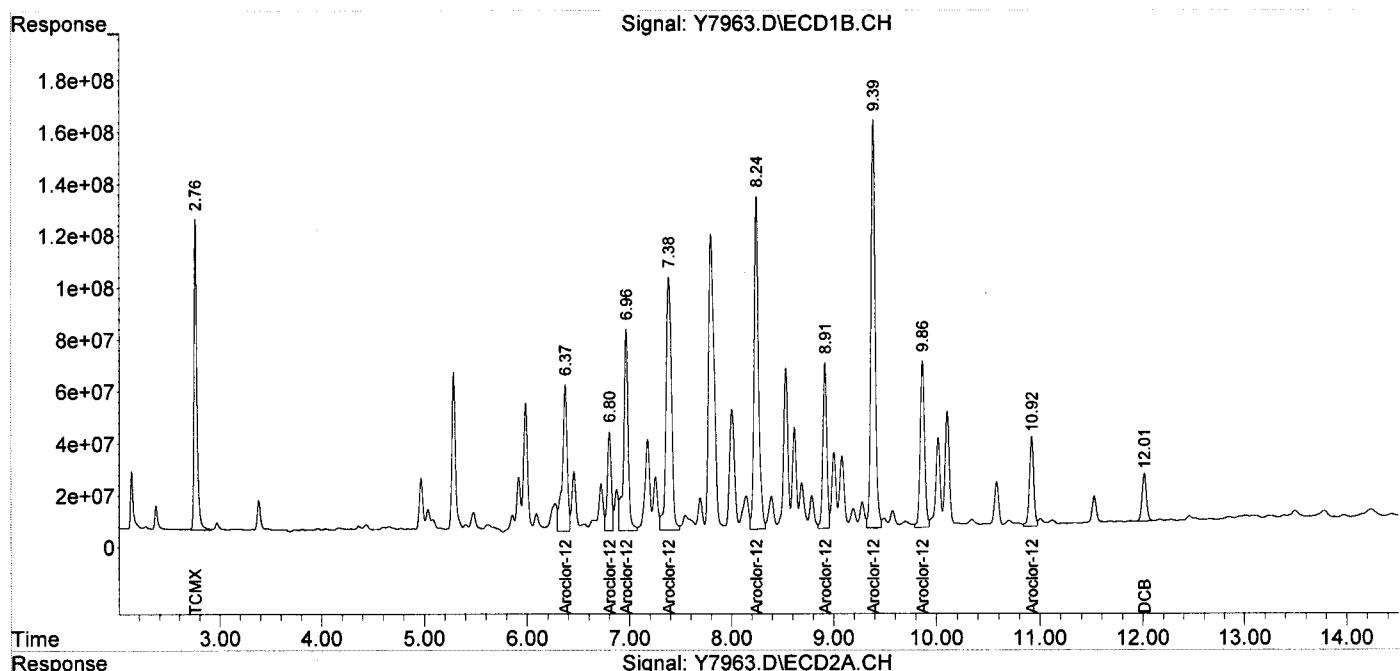
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-03-13\
Data File : Y7963.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 May 2013 14:50
Operator : NG
Sample : X-41W_(0-2,03698-009,S,5.00g,26.8,04/28/13,4
Misc : 130428-03,04/23/13,04/23/13,10
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 06 13:35:24 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
Quant Title :
QLast Update : Thu May 02 09:45:50 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-03-13\
 Data File : Y7964.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 03 May 2013 15:14
 Operator : NG
 Sample : X-40W_(0-2,03698-010,S,5.00g,27.3,04/28/13,4
 Misc : 130428-03,04/23/13,04/23/13,100
 ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 06 13:38:11 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
 Quant Title :
 QLast Update : Thu May 02 09:45:50 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
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System Monitoring Compounds

Target Compounds

Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
28) L7 Aroclor-1254	6.37	7.13	1236.4E6	402.6E6	280.167	319.682
29) L7 Aroclor-1254 {2}	6.80	7.72	641.5E6	184.7E6	218.826	192.584
30) L7 Aroclor-1254 {3}	6.96	8.32	1393.1E6	268.2E6	255.421	286.045
31) L7 Aroclor-1254 {4}	7.38	0.00	2586.7E6	0	480.819	N.D. d#
32) L7 Aroclor-1254 {5}	8.24	9.14	2945.0E6	715.0E6	589.626	570.881m
Sum Aroclor-1254			8802.7E6	1570.6E6	1824.860	1369.193
Average Aroclor-1254					364.972	342.298
33) L8 Aroclor-1260	8.24	7.89	2945.0E6	565.7E6	477.759	841.904 #
34) L8 Aroclor-1260 {2}	8.91	8.15	1305.6E6	516.1E6	464.964	521.908
35) L8 Aroclor-1260 {3}	9.38	9.74	3572.6E6	479.0E6	539.138	557.810
36) L8 Aroclor-1260 {4}	9.86	10.24	1429.8E6	992.5E6	415.234	548.810 #
37) L8 Aroclor-1260 {5}	10.92	10.83	669.8E6	770.3E6	478.941	576.700
Sum Aroclor-1260			9922.8E6	3323.8E6	2376.036	3047.132
Average Aroclor-1260					475.207	609.426
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

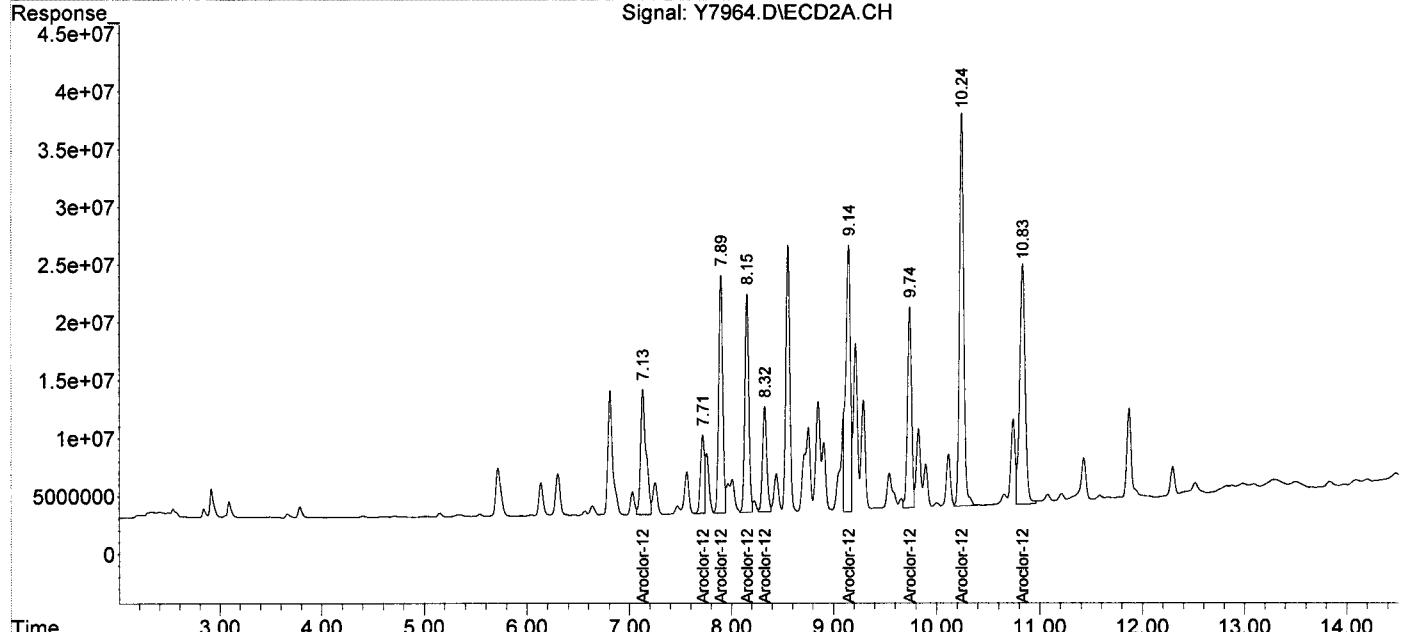
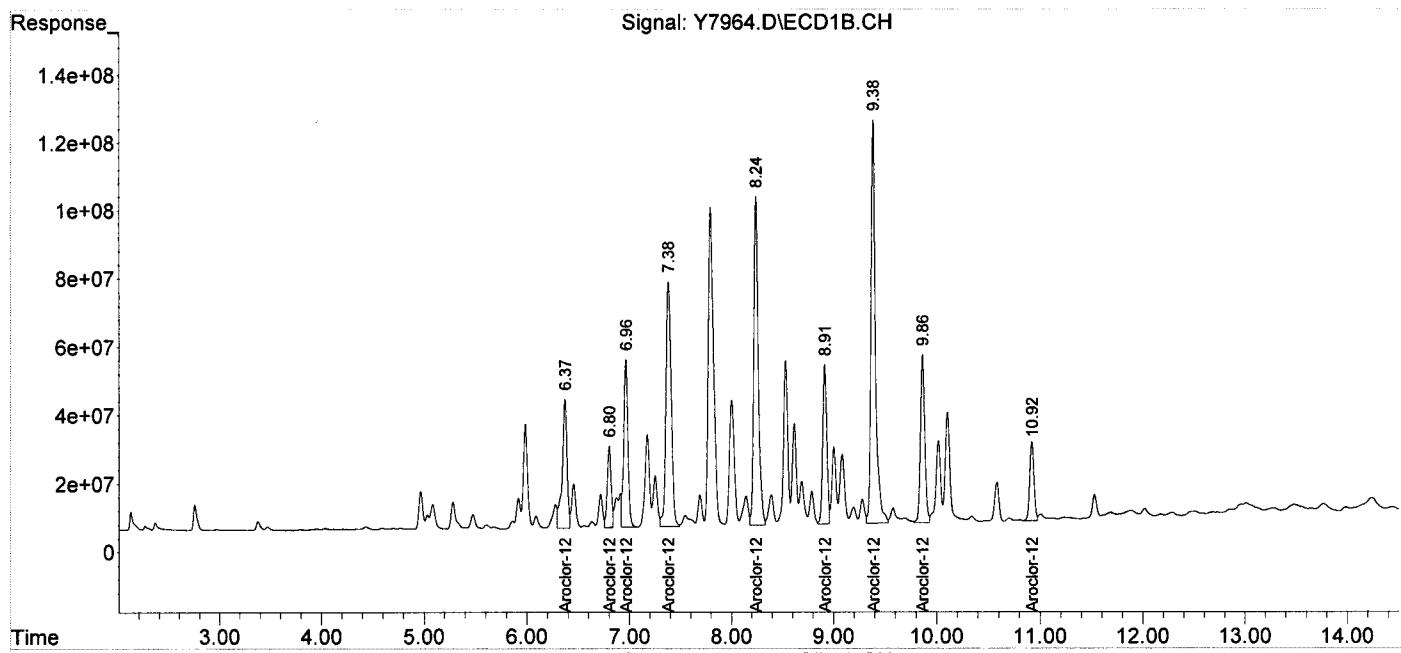
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-03-13\
Data File : Y7964.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 May 2013 15:14
Operator : NG
Sample : X-40W_(0-2,03698-010,S,5.00g,27.3,04/28/13,4
Misc : 130428-03,04/23/13,04/23/13,100
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 06 13:38:11 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
Quant Title :
QLast Update : Thu May 02 09:45:50 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-02-13\
 Data File : Y7893.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 02 May 2013 16:54
 Operator : NG
 Sample : X-40W_(4.0,03698-011,S,5.00g,66.5,04/28/13,4
 Misc : 130428-03,04/23/13,04/23/13,50
 ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 06 14:21:40 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
 Quant Title :
 QLast Update : Thu May 02 09:45:50 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

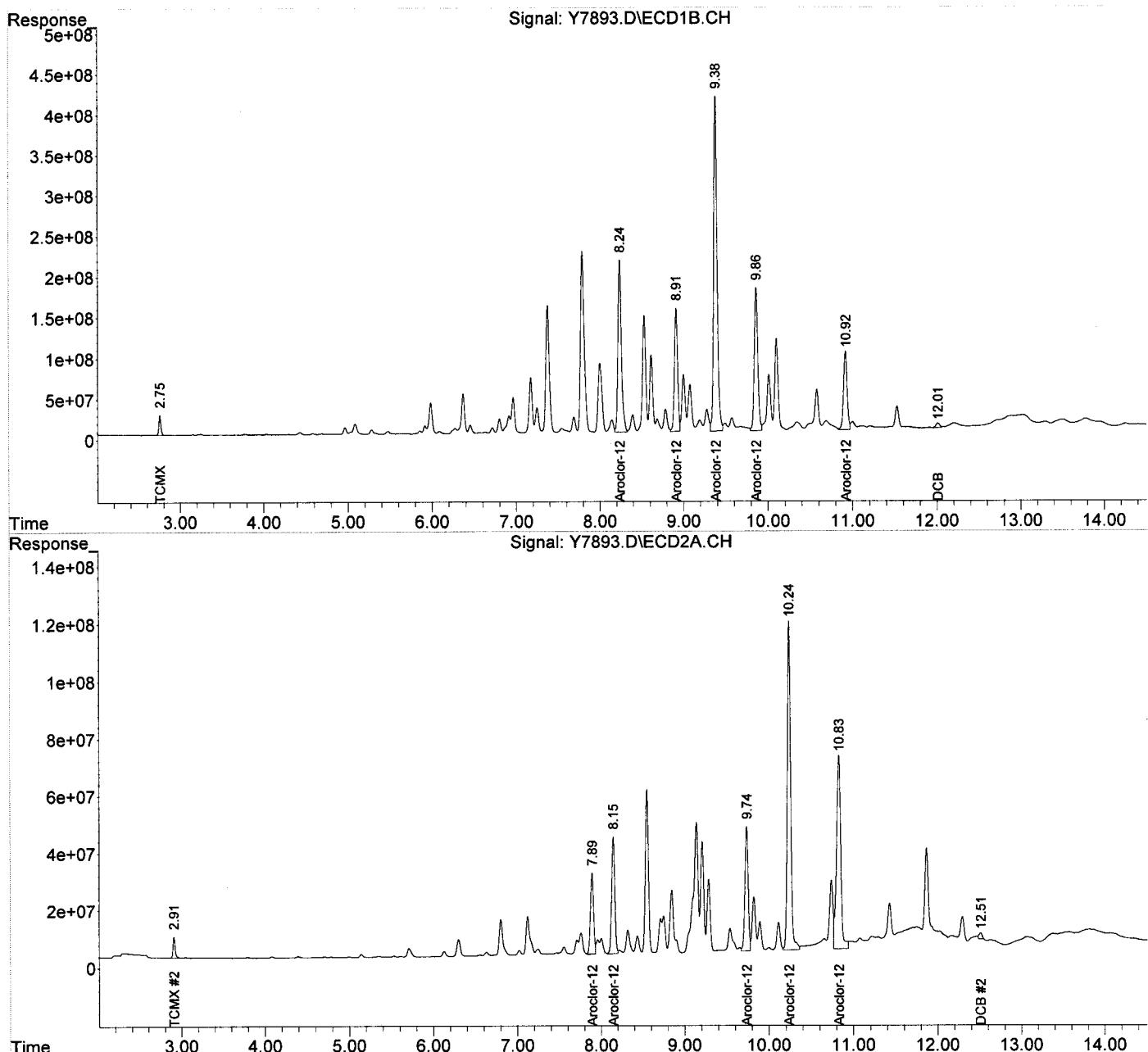
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2	
<hr/>							
System Monitoring Compounds							
1) S TCMX	2.76	2.91	404.9E6	133.9E6	6.388	7.037	
Spiked Amount	200.000			Recovery	=	3.19% 3.52%	
2) S DCB	12.01	12.51	171.2E6	51188830	11.269m	10.004m	
Spiked Amount	200.000			Recovery	=	5.63% 5.00%	
Target Compounds							
Sum Aroclor-1016			0	0	N.D.	N.D.	
Average Aroclor-1016					0.000	0.000	
Sum Aroclor-1221			0	0	N.D.	N.D.	
Average Aroclor-1221					0.000	0.000	
Sum Aroclor-1232			0	0	N.D.	N.D.	
Average Aroclor-1232					0.000	0.000	
Sum Aroclor-1242			0	0	N.D.	N.D.	
Average Aroclor-1242					0.000	0.000	
Sum Aroclor-1248			0	0	N.D.	N.D.	
Average Aroclor-1248					0.000	0.000	
Sum Aroclor-1254			0	0	N.D.	N.D.	
Average Aroclor-1254					0.000	0.000	
33) L8 Aroclor-1260	8.24	7.89	6080.7E6	760.6E6	986.446	1131.820	
34) L8 Aroclor-1260	{2}	8.91	8.15	4007.7E6	1067.4E6	1427.234	1079.360
35) L8 Aroclor-1260	{3}	9.38	9.73	11668.4E6	1176.5E6	1760.884	1369.904
36) L8 Aroclor-1260	{4}	9.86	10.24	5024.0E6	3185.7E6	1459.089	1761.481
37) L8 Aroclor-1260	{5}	10.92	10.83	2859.6E6	2378.1E6	2044.753	1780.413
Sum Aroclor-1260				29640.4E6	8568.2E6	7678.406	7122.979
Average Aroclor-1260					1535.681	1424.596	
Sum Aroclor-1262			0	0	N.D.	N.D.	
Average Aroclor-1262					0.000	0.000	
Sum Aroclor-1268			0	0	N.D.	N.D.	
Average Aroclor-1268					0.000	0.000	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-02-13\
 Data File : Y7893.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 02 May 2013 16:54
 Operator : NG
 Sample : X-40W_(4.0,03698-011,S,5.00g,66.5,04/28/13,4
 Misc : 130428-03,04/23/13,04/23/13,50
 ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 06 14:21:40 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
 Quant Title :
 QLast Update : Thu May 02 09:45:50 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-02-13\
 Data File : Y7894.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 02 May 2013 17:20
 Operator : NG
 Sample : X-40W_(6.0,03698-012,S,5.00g,21.2,04/28/13,4
 Misc : 130428-03,04/23/13,04/23/13,1
 ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 06 12:33:29 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
 Quant Title :
 QLast Update : Thu May 02 09:45:50 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

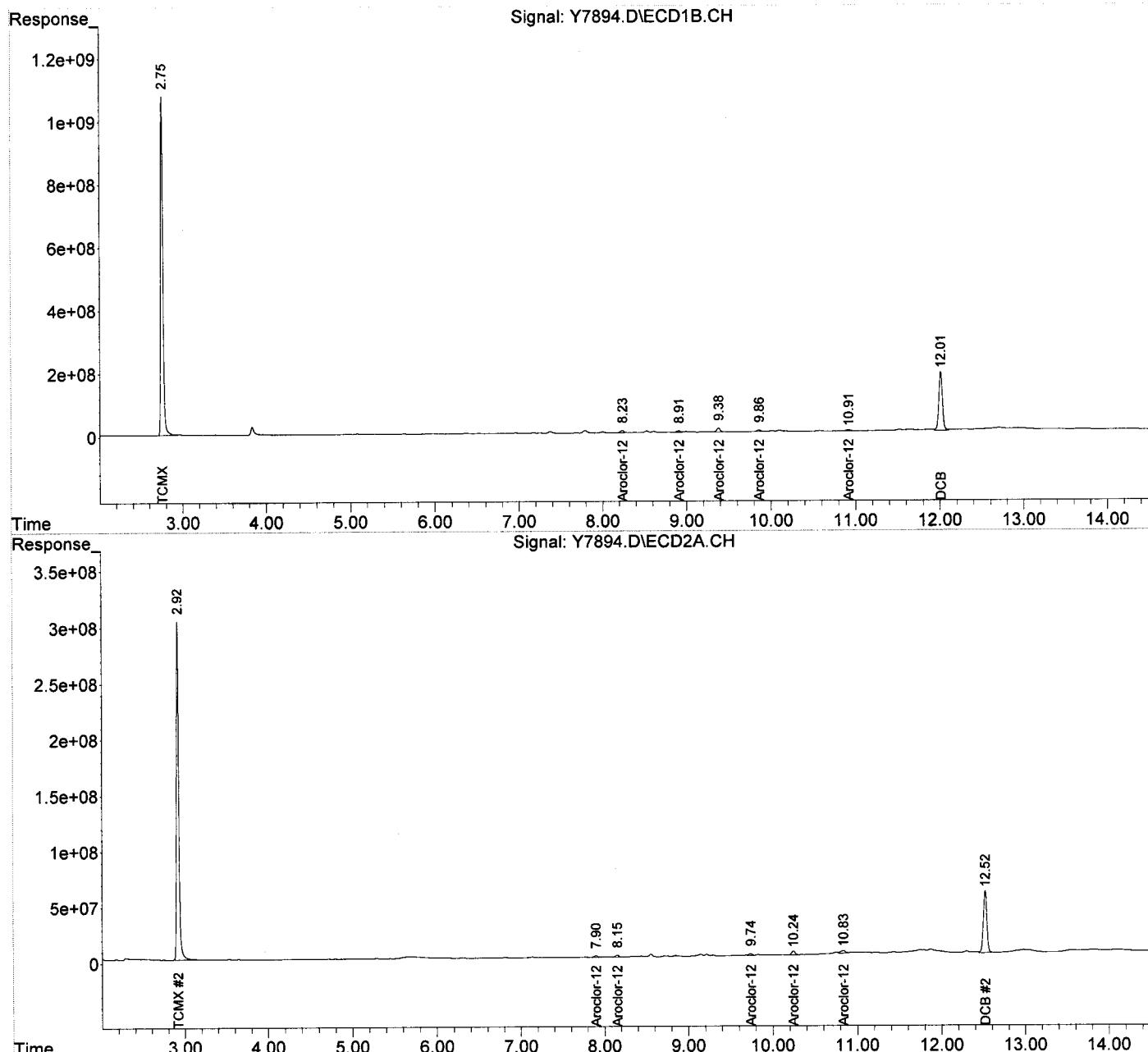
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.75	2.92	20670.3E6	5745.6E6	326.059	302.054
Spiked Amount	200.000			Recovery	= 163.03%	151.03%
2) S DCB	12.01	12.52	5521.7E6	1590.8E6	363.546	310.898
Spiked Amount	200.000			Recovery	= 181.77%	155.45%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.23	7.90	203.5E6	37491616	33.011	55.793 #
34) L8 Aroclor-1260	{2}	8.91	8.15	126.3E6	51426841	44.991
35) L8 Aroclor-1260	{3}	9.38	9.74	361.6E6	45939481	54.568
36) L8 Aroclor-1260	{4}	9.86	10.24	185.0E6	102.3E6	53.725
37) L8 Aroclor-1260	{5}	10.91	10.83	175.8E6	87479066	125.691
Sum Aroclor-1260				1052.2E6	324.6E6	311.987
Average Aroclor-1260						283.331
					62.397	56.666
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-02-13\
Data File : Y7894.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 02 May 2013 17:20
Operator : NG
Sample : X-40W_(6.0,03698-012,S,5.00g,21.2,04/28/13,4
Misc : 130428-03,04/23/13,04/23/13,1
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 06 12:33:29 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
Quant Title :
QLast Update : Thu May 02 09:45:50 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-03-13\
 Data File : Y7965.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 03 May 2013 16:11
 Operator : NG
 Sample : W-37E_(2.0,03698-013,S,5.00g,39.0,04/28/13,4
 Misc : 130428-03,04/23/13,04/23/13,250
 ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 06 13:39:33 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
 Quant Title :
 QLast Update : Thu May 02 09:45:50 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
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System Monitoring Compounds

Target Compounds

Sum Aroclor-1016		0	0	N.D.	N.D.
Average Aroclor-1016				0.000	0.000

Sum Aroclor-1221		0	0	N.D.	N.D.
Average Aroclor-1221				0.000	0.000

Sum Aroclor-1232		0	0	N.D.	N.D.
Average Aroclor-1232				0.000	0.000

Sum Aroclor-1242		0	0	N.D.	N.D.
Average Aroclor-1242				0.000	0.000

Sum Aroclor-1248		0	0	N.D.	N.D.
Average Aroclor-1248				0.000	0.000

Sum Aroclor-1254		0	0	N.D.	N.D.
Average Aroclor-1254				0.000	0.000

33) L8 Aroclor-1260	8.24	7.89	3124.3E6	494.8E6	506.846	736.335 #	
34) L8 Aroclor-1260	{2}	8.91	8.14	3131.7E6	712.7E6	1115.283	720.745 #
35) L8 Aroclor-1260	{3}	9.38	9.73	7929.7E6	864.3E6	1196.679	1006.350
36) L8 Aroclor-1260	{4}	9.86	10.23	2782.0E6	2172.5E6	807.954	1201.255 #
37) L8 Aroclor-1260	{5}	10.92	10.82	1845.7E6	1457.3E6	1319.745	1091.052
Sum Aroclor-1260			18813.4E6	5701.6E6	4946.508	4755.736	
Average Aroclor-1260					989.302	951.147	

Sum Aroclor-1262		0	0	N.D.	N.D.
Average Aroclor-1262				0.000	0.000

Sum Aroclor-1268		0	0	N.D.	N.D.
Average Aroclor-1268				0.000	0.000

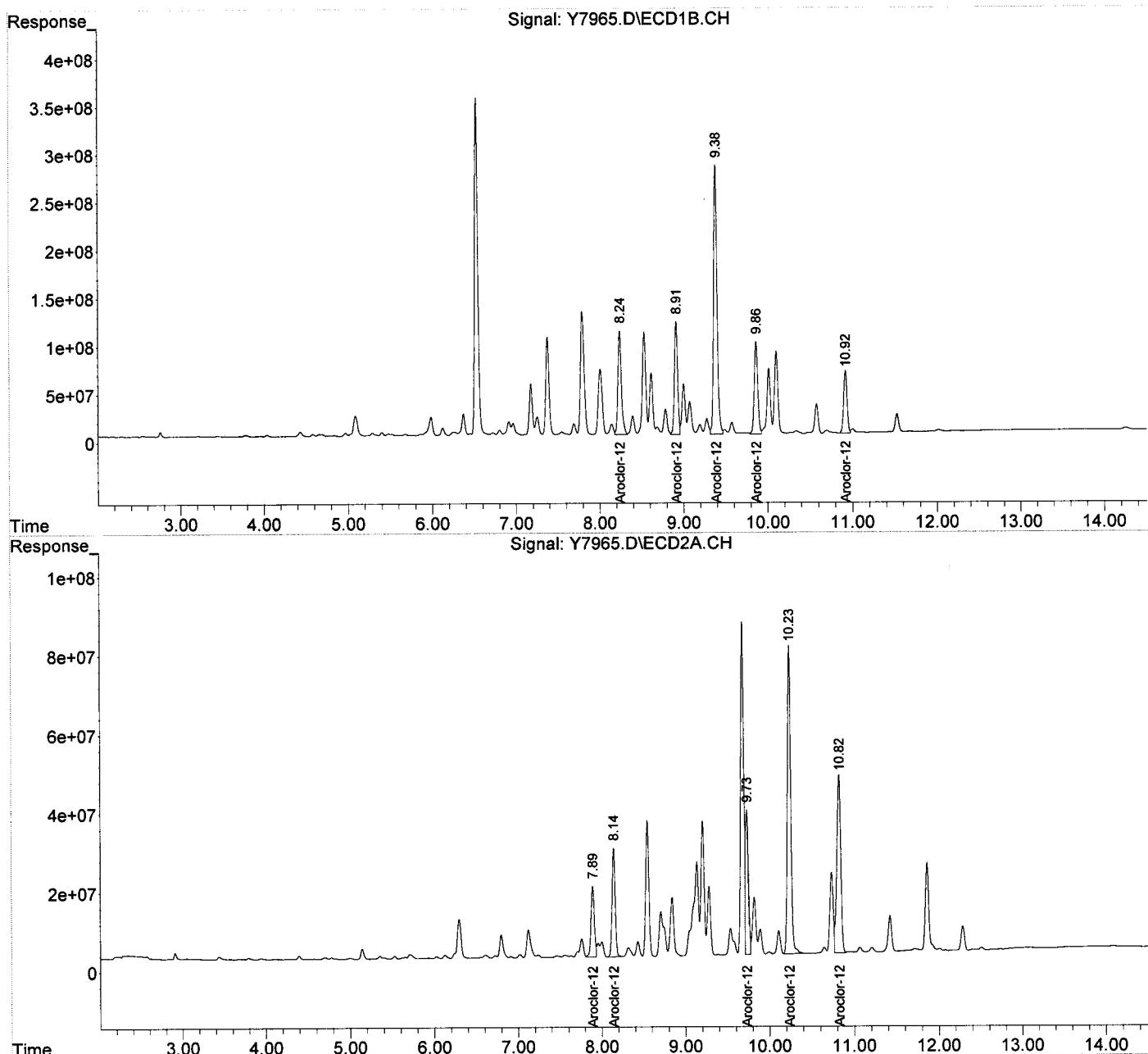
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-03-13\
Data File : Y7965.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 May 2013 16:11
Operator : NG
Sample : W-37E_(2.0,03698-013,S,5.00g,39.0,04/28/13,4
Misc : 130428-03,04/23/13,04/23/13,250
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 06 13:39:33 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
Quant Title :
QLast Update : Thu May 02 09:45:50 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-02-13\
 Data File : Y7896.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 02 May 2013 17:54
 Operator : NG
 Sample : W-37E_(4.0,03698-014,S,5.00g,80.6,04/28/13,4
 Misc : 130428-03,04/23/13,04/23/13,50
 ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 06 12:36:15 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
 Quant Title :
 QLast Update : Thu May 02 09:45:50 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

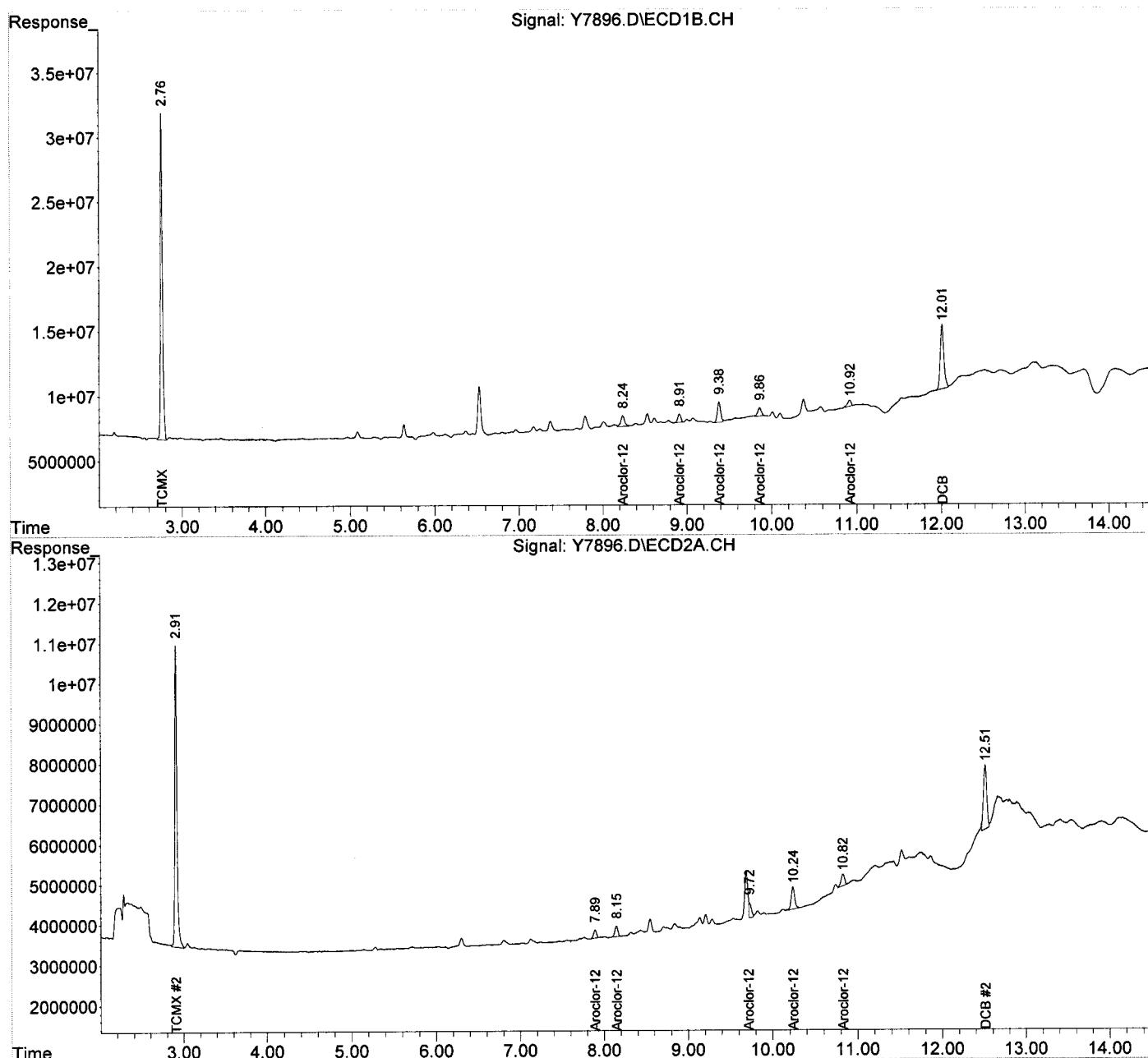
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.76	2.91	427.7E6	136.8E6	6.747	7.190
Spiked Amount	200.000			Recovery	=	3.37%
2) S DCB	12.01	12.51	146.5E6	44597153	9.647m	8.716m
Spiked Amount	200.000			Recovery	=	4.82%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.24	7.89	27003363	4959487	4.381m	7.380m#
34) L8 Aroclor-1260	{2}	8.91	8.15	16526401	6517378	5.885m
35) L8 Aroclor-1260	{3}	9.38	9.72	43516690	7079124	6.567
36) L8 Aroclor-1260	{4}	9.86	10.24	18275541	16386293	5.308m
37) L8 Aroclor-1260	{5}	10.92	10.82	13612620	8475148	9.734m
Sum Aroclor-1260				118.9E6	43417430	31.875
Average Aroclor-1260						37.620
						6.375
						7.524
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-02-13\
 Data File : Y7896.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 02 May 2013 17:54
 Operator : NG
 Sample : W-37E_(4.0,03698-014,S,5.00g,80.6,04/28/13,4
 Misc : 130428-03,04/23/13,04/23/13,50
 ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 06 12:36:15 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
 Quant Title :
 QLast Update : Thu May 02 09:45:50 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-02-13\
 Data File : Y7897.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 02 May 2013 18:11
 Operator : NG
 Sample : W-36S_(4.0,03698-015,S,5.00g,78.4,04/28/13,4
 Misc : 130428-03,04/23/13,04/23/13,50
 ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 06 12:39:33 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
 Quant Title :
 QLast Update : Thu May 02 09:45:50 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.75	2.91	454.5E6	142.8E6	7.170	7.508
Spiked Amount	200.000			Recovery	=	3.59%
2) S DCB	12.01	12.51	158.8E6	50278550	10.452m	9.826m
Spiked Amount	200.000			Recovery	=	5.23%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.24	7.89	61556108	13269860	9.986m	19.747 #
34) L8 Aroclor-1260	{2}	8.91	8.15	54905156	17603569	19.553m
35) L8 Aroclor-1260	{3}	9.38	9.73	129.9E6	17772359	19.602m
36) L8 Aroclor-1260	{4}	9.86	0.00	49599901	0	14.405m
37) L8 Aroclor-1260	{5}	0.00	10.82		30713092	N.D. d
Sum Aroclor-1260				296.0E6	79358880	63.546
Average Aroclor-1260						81.237
					15.886	20.309
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

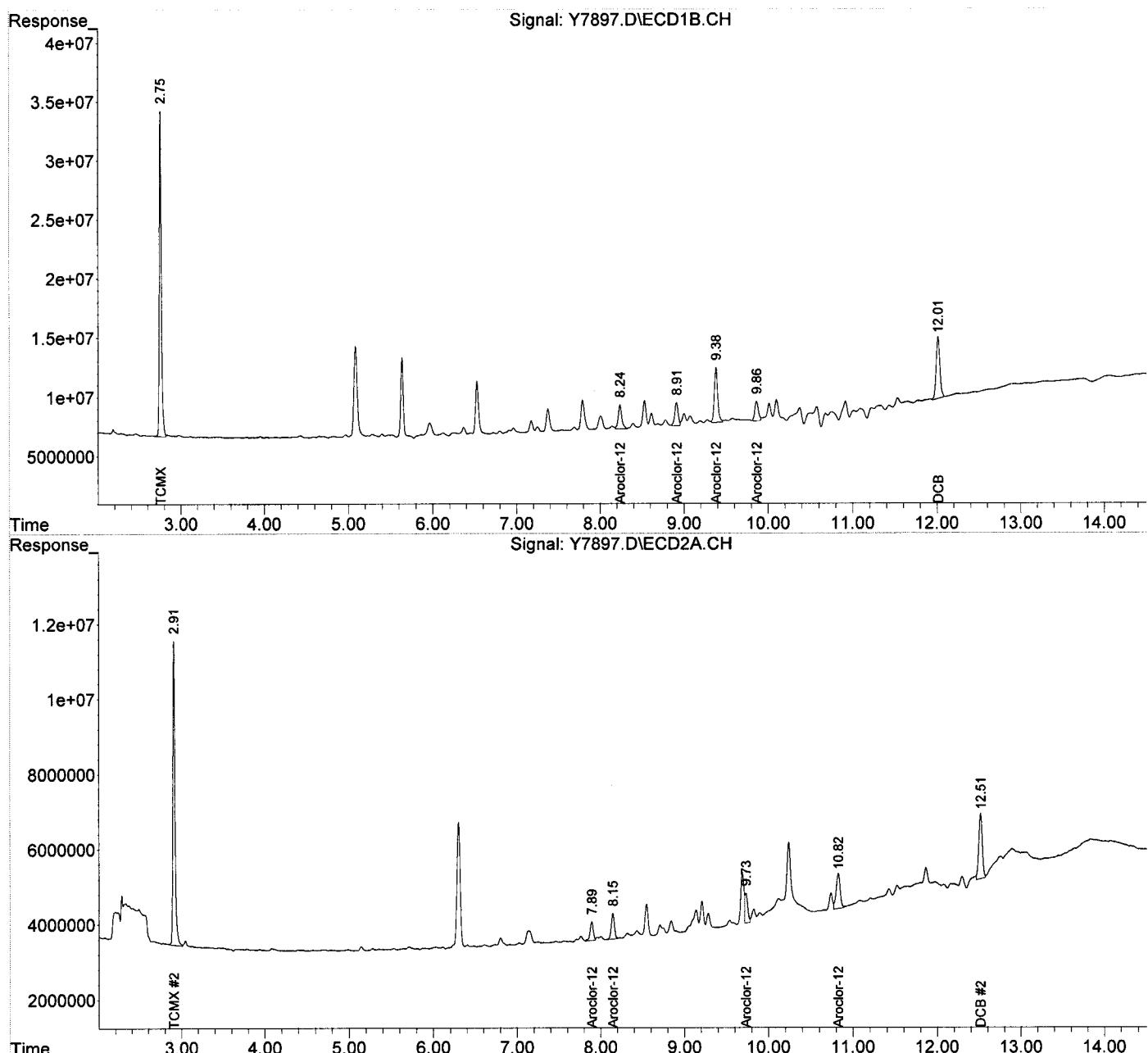
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-02-13\
Data File : Y7897.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 02 May 2013 18:11
Operator : NG
Sample : W-36S_(4.0,03698-015,S,5.00g,78.4,04/28/13,4
Misc : 130428-03,04/23/13,04/23/13,50
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 06 12:39:33 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
Quant Title :
QLast Update : Thu May 02 09:45:50 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-02-13\
 Data File : Y7898.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 02 May 2013 18:28
 Operator : NG
 Sample : W-38N_(0-2,03698-016,S,5.00g,28.8,04/28/13,4
 Misc : 130428-03,04/23/13,04/23/13,20
 ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 06 13:29:37 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
 Quant Title :
 QLast Update : Thu May 02 09:45:50 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.75	2.91	1033.0E6	294.3E6	16.294	15.470
Spiked Amount	200.000			Recovery	=	8.15% 7.74%
2) S DCB	12.01	12.51	343.2E6	144.0E6	22.594m	28.151
Spiked Amount	200.000			Recovery	=	11.30% 14.08%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
28) L7 Aroclor-1254	6.37	7.12	2042.8E6	730.7E6	462.889	580.193 #
29) L7 Aroclor-1254 {2}	6.80	7.71	1385.8E6	348.4E6	472.761	363.226
30) L7 Aroclor-1254 {3}	6.96	8.32	2751.9E6	485.3E6	504.556	517.573
31) L7 Aroclor-1254 {4}	7.38	0.00	5285.2E6	0	982.427	N.D. d#
32) L7 Aroclor-1254 {5}	8.24	9.14	6053.8E6	1319.6E6	1212.034	1053.559m
Sum Aroclor-1254			17519.5E6	2884.1E6	3634.667	2514.552
Average Aroclor-1254					726.933	628.638
33) L8 Aroclor-1260	8.24	7.89	6053.8E6	1033.3E6	982.079	1537.762 #
34) L8 Aroclor-1260 {2}	8.91	8.14	3421.8E6	969.5E6	1218.596	980.409
35) L8 Aroclor-1260 {3}	9.38	9.73	9283.7E6	1047.1E6	1401.007	1219.232
36) L8 Aroclor-1260 {4}	9.86	10.24	3775.1E6	2404.6E6	1096.371	1329.591
37) L8 Aroclor-1260 {5}	10.92	10.82	2399.8E6	1620.2E6	1715.965	1212.965 #
Sum Aroclor-1260			24934.2E6	7074.7E6	6414.019	6279.959
Average Aroclor-1260					1282.804	1255.992
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Data Path : C:\MSDCHEM\1\DATA\05-02-13\
Data File : Y7898.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 02 May 2013 18:28
Operator : NG
Sample : W-38N_(0-2,03698-016,S,5.00g,28.8,04/28/13,4
Misc : 130428-03,04/23/13,04/23/13,20
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 06 13:29:37 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
Quant Title :
QLast Update : Thu May 02 09:45:50 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

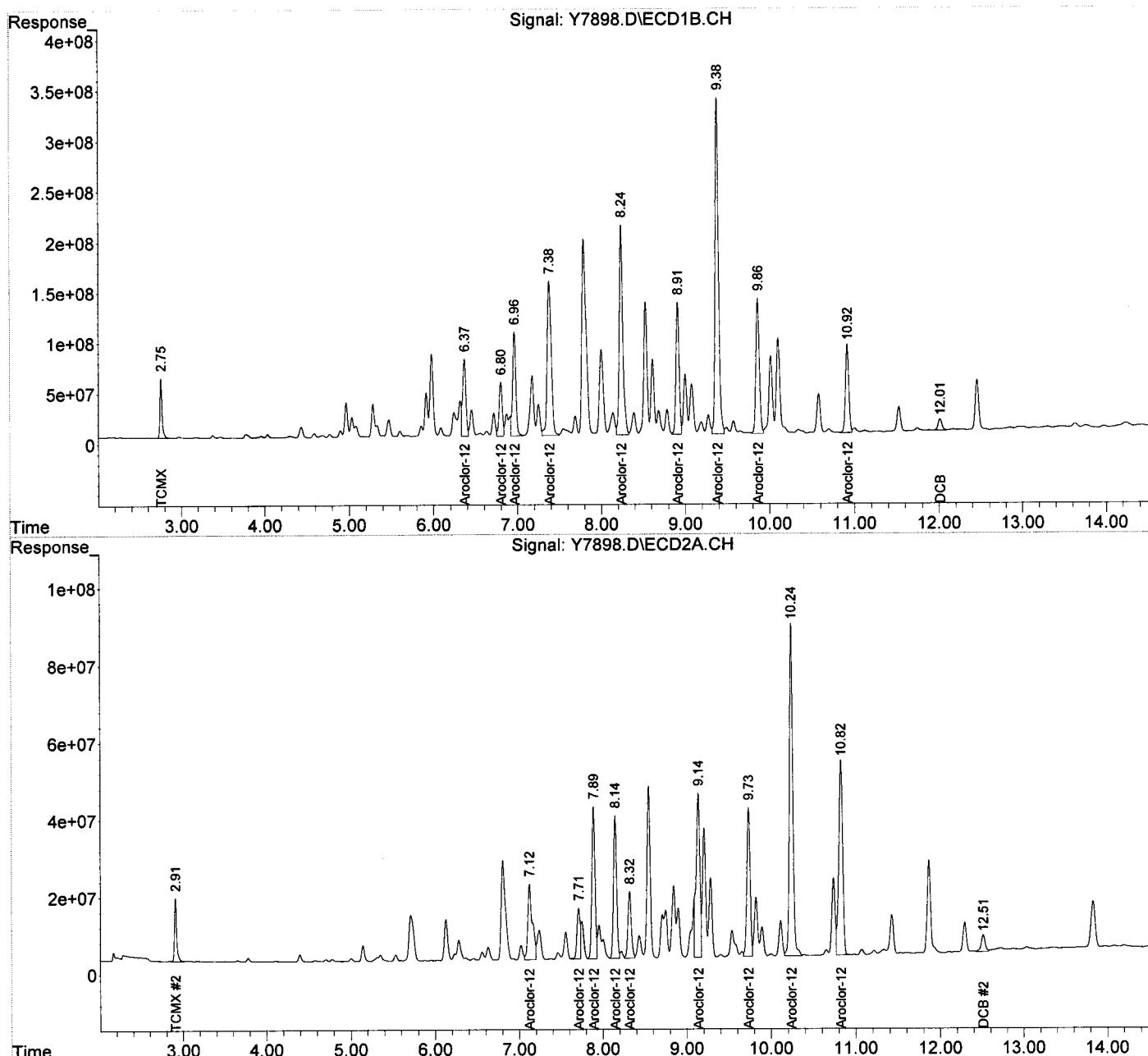
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
-----	-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----	-----

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-02-13\
 Data File : Y7898.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 02 May 2013 18:28
 Operator : NG
 Sample : W-38N_(0-2,03698-016,S,5.00g,28.8,04/28/13,4
 Misc : 130428-03,04/23/13,04/23/13,20
 ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 06 13:29:37 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
 Quant Title :
 QLast Update : Thu May 02 09:45:50 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-03-13\
 Data File : Y7966.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 03 May 2013 16:28
 Operator : NG
 Sample : W-38N_(4.0,03698-017,S,5.00g,50.1,04/28/13,4
 Misc : 130428-03,04/23/13,04/23/13,250
 ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 06 13:41:08 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
 Quant Title :
 QLast Update : Thu May 02 09:45:50 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
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System Monitoring Compounds

Target Compounds

Sum Aroclor-1016		0	0	N.D.	N.D.
Average Aroclor-1016				0.000	0.000

Sum Aroclor-1221		0	0	N.D.	N.D.
Average Aroclor-1221				0.000	0.000

Sum Aroclor-1232		0	0	N.D.	N.D.
Average Aroclor-1232				0.000	0.000

Sum Aroclor-1242		0	0	N.D.	N.D.
Average Aroclor-1242				0.000	0.000

Sum Aroclor-1248		0	0	N.D.	N.D.
Average Aroclor-1248				0.000	0.000

Sum Aroclor-1254		0	0	N.D.	N.D.
Average Aroclor-1254				0.000	0.000

33) L8 Aroclor-1260	8.23	7.89	1175.8E6	346.2E6	190.751	515.190 #
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34) L8 Aroclor-1260	{2}	8.91	8.14	1701.3E6	471.0E6	605.865	476.252
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35) L8 Aroclor-1260	{3}	9.38	9.73	4542.7E6	647.0E6	685.537	753.403
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36) L8 Aroclor-1260	{4}	9.86	10.23	1413.0E6	1317.3E6	410.371	728.387 #
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37) L8 Aroclor-1260	{5}	10.92	10.82	1070.9E6	743.2E6	765.750	556.417 #
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Sum Aroclor-1260			9903.7E6	3524.7E6	2658.275	3029.649
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Average Aroclor-1260					531.655	605.930
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Sum Aroclor-1262		0	0	N.D.	N.D.
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Average Aroclor-1262				0.000	0.000
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Sum Aroclor-1268		0	0	N.D.	N.D.
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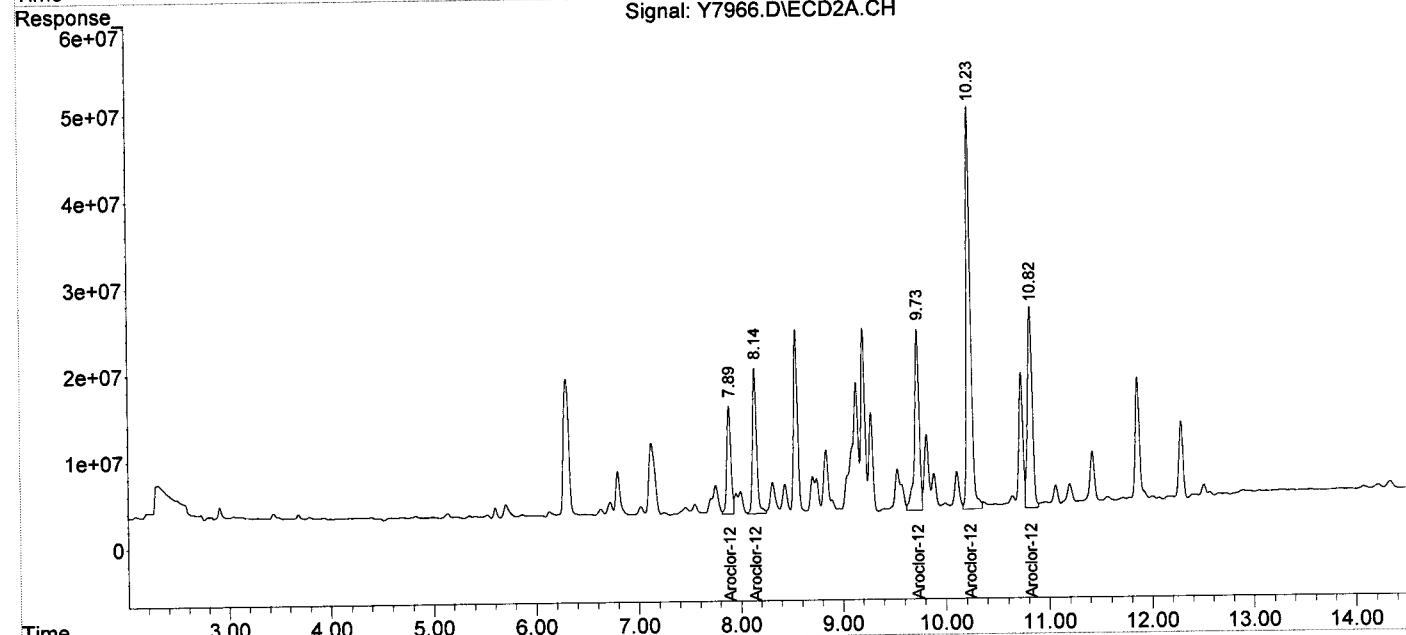
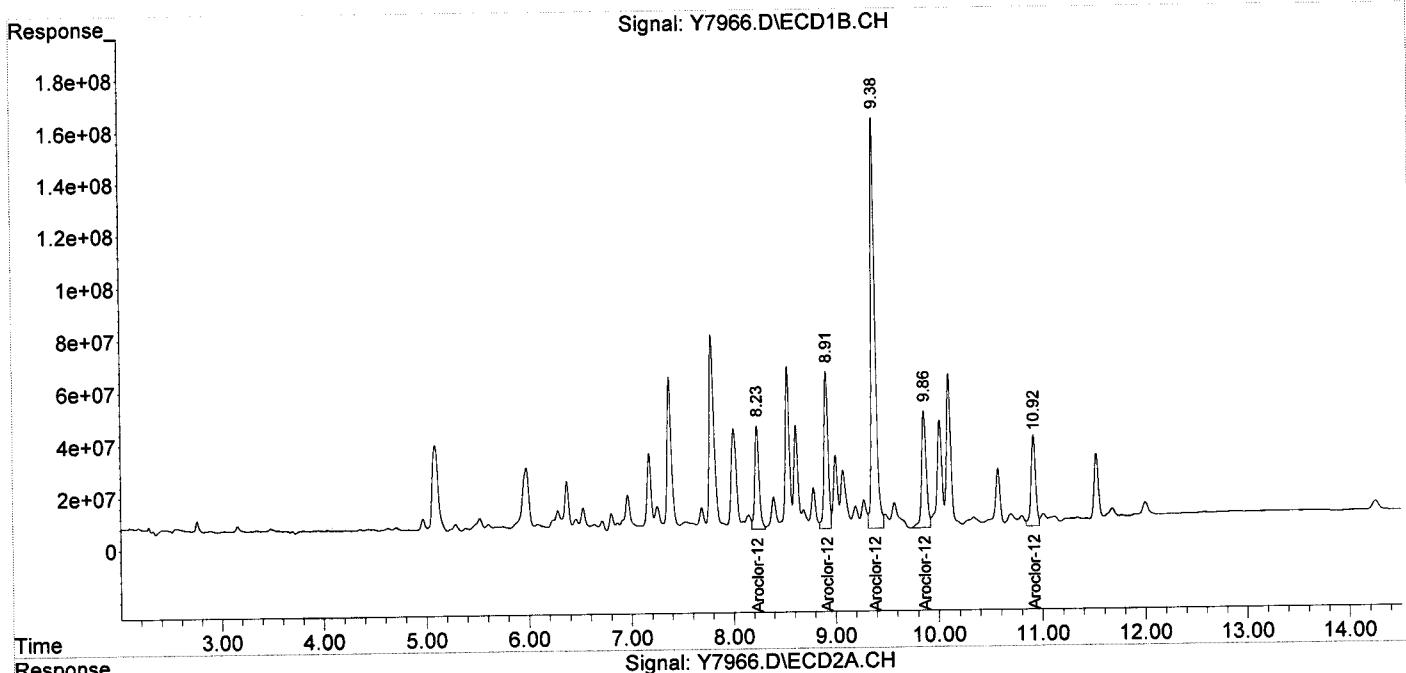
Average Aroclor-1268				0.000	0.000
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(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-03-13\
Data File : Y7966.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 May 2013 16:28
Operator : NG
Sample : W-38N_(4.0,03698-017,S,5.00g,50.1,04/28/13,4
Misc : 130428-03,04/23/13,04/23/13,250
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 06 13:41:08 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
Quant Title :
QLast Update : Thu May 02 09:45:50 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-02-13\
 Data File : Y7900.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 02 May 2013 19:03
 Operator : NG
 Sample : W-38S_(0-2,03698-018,S,5.00g,24.7,04/28/13,4
 Misc : 130428-03,04/23/13,04/23/13,50
 ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 06 14:20:58 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
 Quant Title :
 QLast Update : Thu May 02 09:45:50 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.75	2.91	383.3E6	125.7E6	6.046	6.611
Spiked Amount	200.000			Recovery	=	3.02%
2) S DCB	12.01	12.51	178.7E6	44237383	11.763m	8.645m#
Spiked Amount	200.000			Recovery	=	5.88%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
28) L7 Aroclor-1254	6.37	7.12	2915.4E6	957.6E6	660.621	760.357
29) L7 Aroclor-1254 {2}	6.80	7.71	1327.7E6	352.9E6	452.924	367.939
30) L7 Aroclor-1254 {3}	6.96	8.32	2913.7E6	566.0E6	534.224	603.594
31) L7 Aroclor-1254 {4}	7.38	0.00	6611.7E6	0	1229.010	N.D. d#
32) L7 Aroclor-1254 {5}	8.24	9.14	7025.3E6	1779.7E6	1406.529	1420.901m
Sum Aroclor-1254			20793.8E6	3656.2E6	4283.309	3152.790
Average Aroclor-1254					856.662	788.198
33) L8 Aroclor-1260	8.24	7.89	7025.3E6	1319.4E6	1139.674	1963.459 #
34) L8 Aroclor-1260 {2}	8.91	8.14	4360.2E6	1415.1E6	1552.759	1430.982
35) L8 Aroclor-1260 {3}	9.38	9.73	11208.0E6	1487.2E6	1691.407	1731.736
36) L8 Aroclor-1260 {4}	9.86	10.24	4917.9E6	3545.3E6	1428.257	1960.327m#
37) L8 Aroclor-1260 {5}	10.92	10.83	2740.6E6	2416.3E6	1959.698	1808.999
Sum Aroclor-1260			30251.9E6	10183.3E6	7771.795	8895.503
Average Aroclor-1260					1554.359	1779.101
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Data Path : C:\MSDCHEM\1\DATA\05-02-13\
Data File : Y7900.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 02 May 2013 19:03
Operator : NG
Sample : W-38S_(0-2,03698-018,S,5.00g,24.7,04/28/13,4
Misc : 130428-03,04/23/13,04/23/13,50
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 06 14:20:58 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
Quant Title :
QLast Update : Thu May 02 09:45:50 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

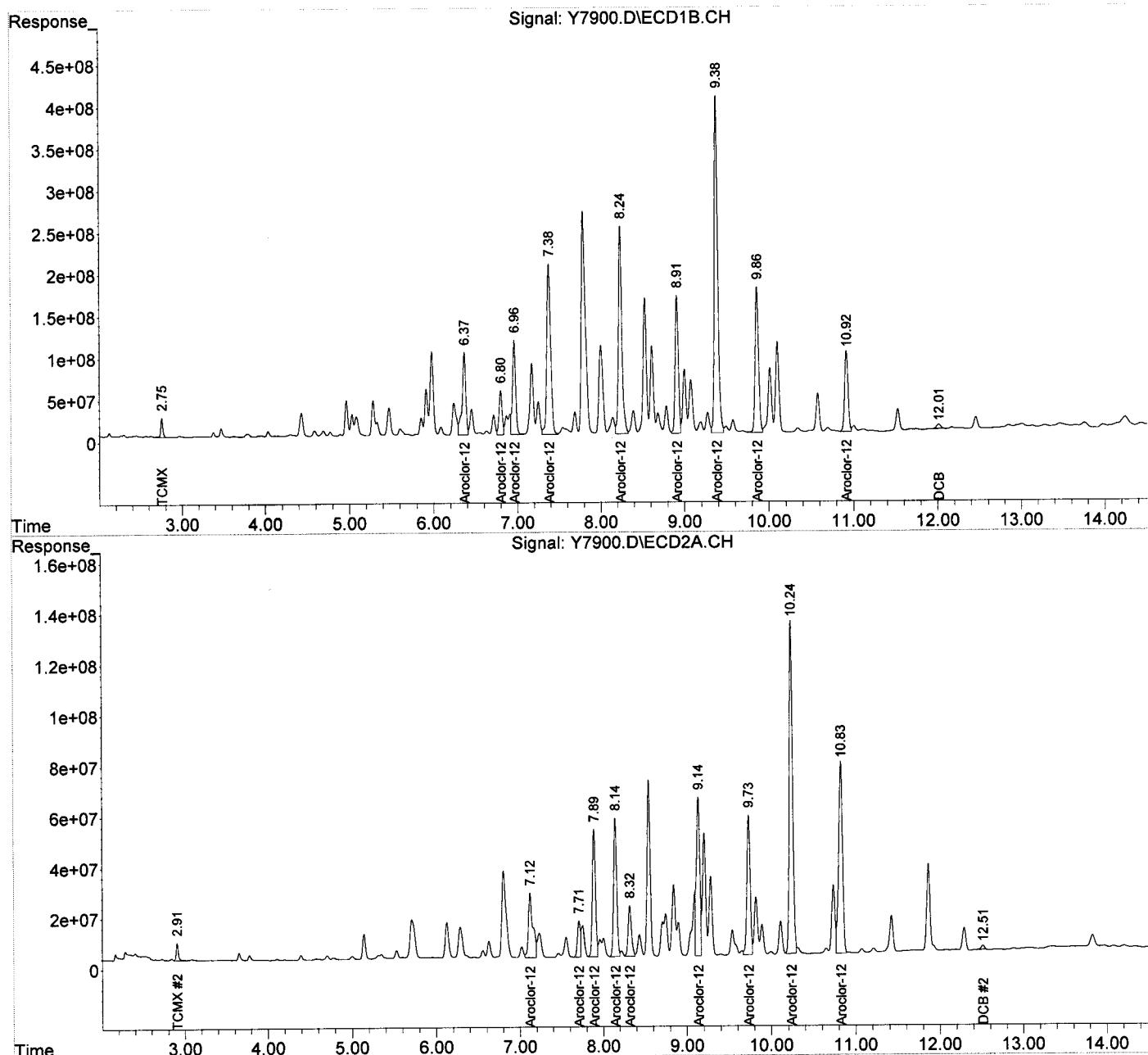
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
-----	-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----	-----

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-02-13\
 Data File : Y7900.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 02 May 2013 19:03
 Operator : NG
 Sample : W-38S_(0-2,03698-018,S,5.00g,24.7,04/28/13,4
 Misc : 130428-03,04/23/13,04/23/13,50
 ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 06 14:20:58 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
 Quant Title :
 QLast Update : Thu May 02 09:45:50 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-03-13\
 Data File : Y7967.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 03 May 2013 16:56
 Operator : NG
 Sample : W-40N_(0-2,03698-019,S,5.00g,19.4,04/28/13,4
 Misc : 130428-03,04/23/13,04/23/13,500
 ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 06 13:43:02 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
 Quant Title :
 QLast Update : Thu May 02 09:45:50 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
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System Monitoring Compounds

Target Compounds

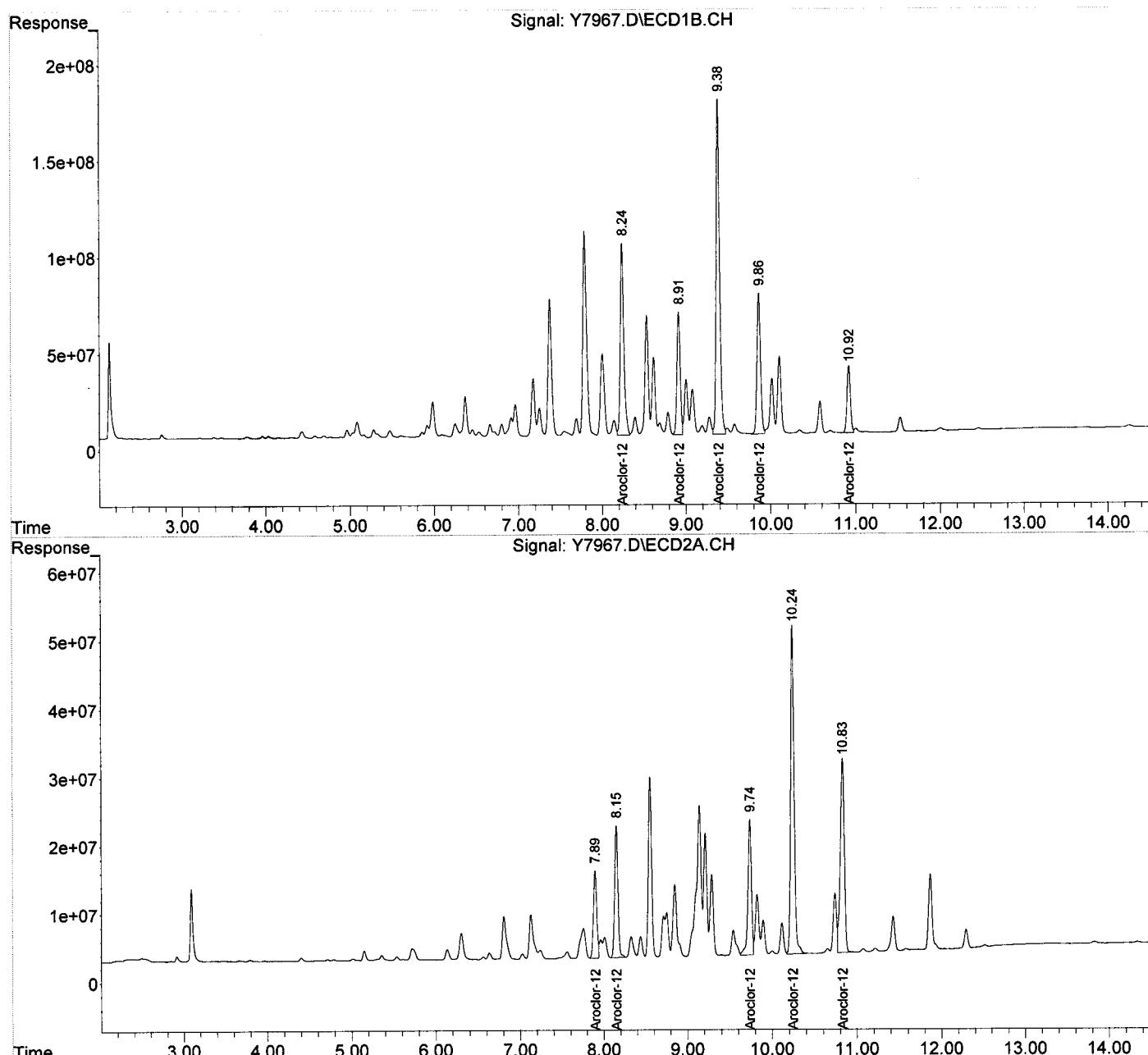
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.24	7.89	2890.5E6	356.3E6	468.919	530.296
34) L8 Aroclor-1260 {2}	8.91	8.15	1717.1E6	530.0E6	611.491	535.963
35) L8 Aroclor-1260 {3}	9.38	9.74	4897.7E6	572.4E6	739.114	666.539
36) L8 Aroclor-1260 {4}	9.86	10.24	2105.7E6	1365.4E6	611.555	754.971
37) L8 Aroclor-1260 {5}	10.92	10.83	982.3E6	943.3E6	702.410	706.184
Sum Aroclor-1260			12593.4E6	3767.4E6	3133.489	3193.953
Average Aroclor-1260					626.698	638.791
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-03-13\
Data File : Y7967.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Accq On : 03 May 2013 16:56
Operator : NG
Sample : W-40N_(0-2,03698-019,S,5.00g,19.4,04/28/13,4
Misc : 130428-03,04/23/13,04/23/13,500
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 06 13:43:02 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
Quant Title :
QLast Update : Thu May 02 09:45:50 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-03-13\
 Data File : Y7968.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 03 May 2013 17:13
 Operator : NG
 Sample : W-40N_(4.0,03698-020,S,5.00g,22.2,04/28/13,4
 Misc : 130428-03,04/23/13,04/23/13,4000
 ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 06 13:44:06 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
 Quant Title :
 QLast Update : Thu May 02 09:45:50 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
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System Monitoring Compounds

Target Compounds

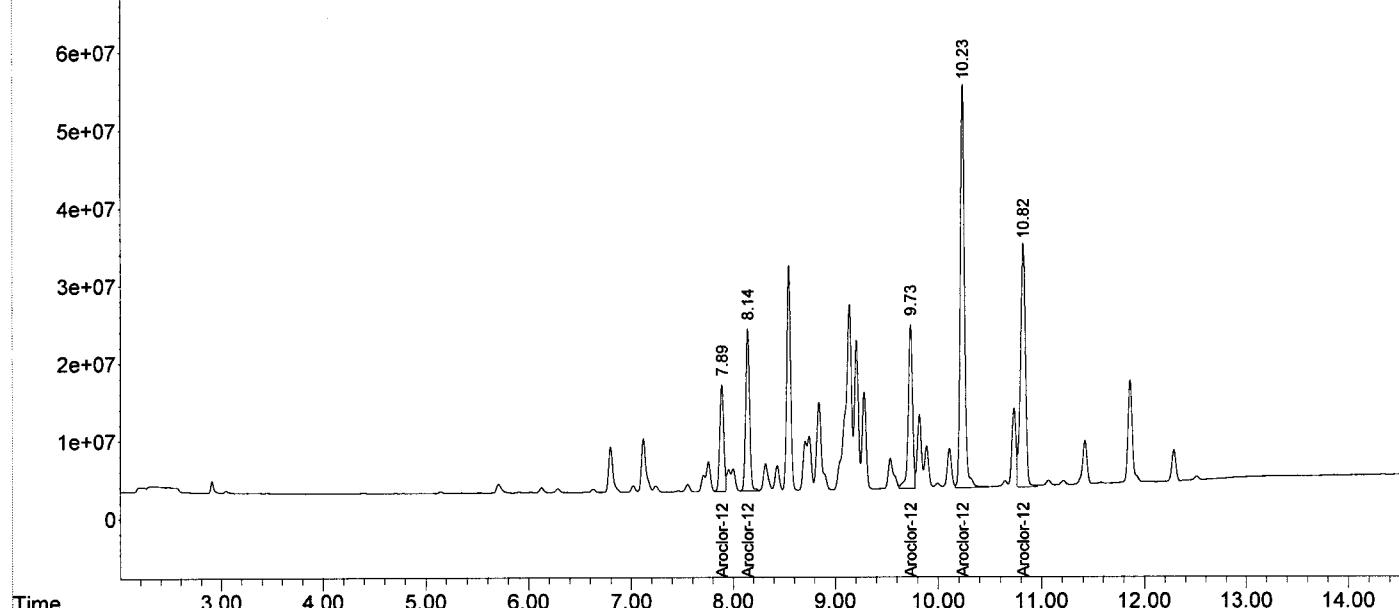
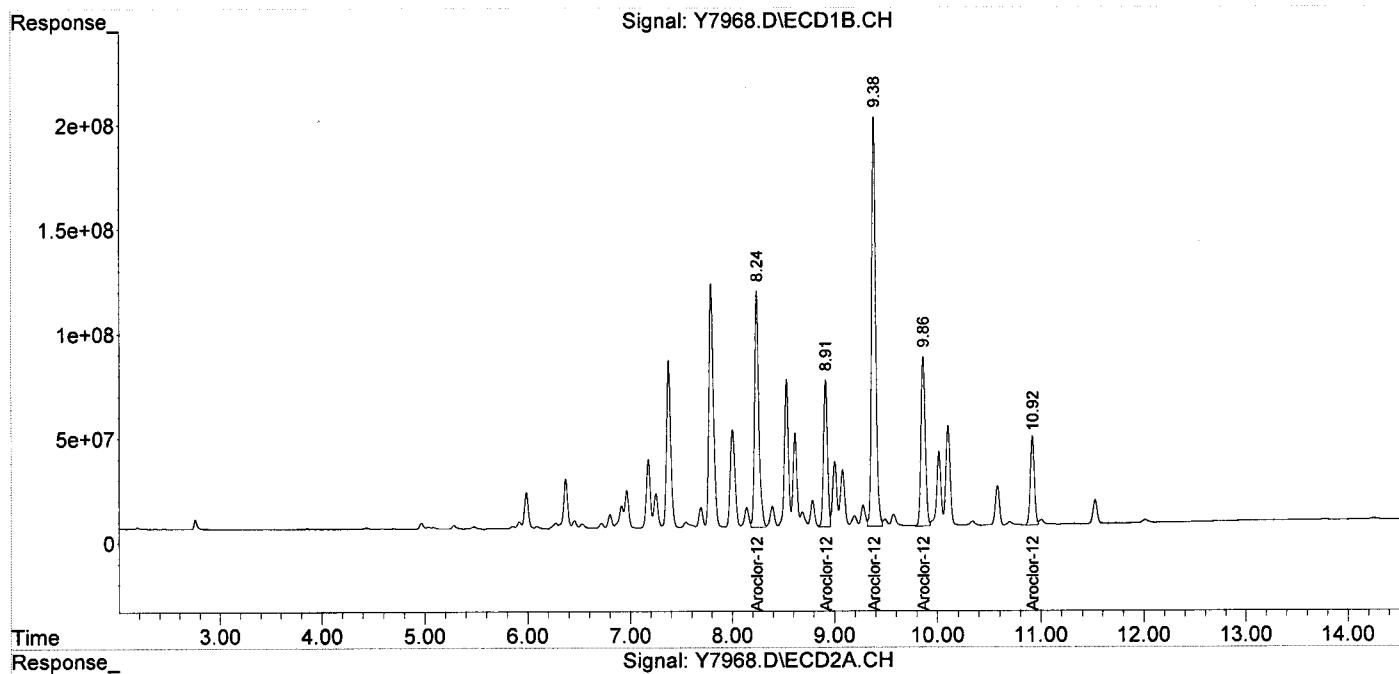
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.24	7.89	3236.7E6	374.7E6	525.066	557.580
34) L8 Aroclor-1260 {2}	8.91	8.14	1856.6E6	549.9E6	661.181	556.079
35) L8 Aroclor-1260 {3}	9.38	9.73	5412.1E6	610.7E6	816.739	711.059
36) L8 Aroclor-1260 {4}	9.86	10.24	2367.2E6	1484.8E6	687.475	820.978
37) L8 Aroclor-1260 {5}	10.92	10.82	1167.5E6	1050.7E6	834.791	786.623
Sum Aroclor-1260			14039.9E6	4070.7E6	3525.252	3432.320
Average Aroclor-1260					705.050	686.464
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-03-13\
Data File : Y7968.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 May 2013 17:13
Operator : NG
Sample : W-40N_(4.0,03698-020,S,5.00g,22.2,04/28/13,4
Misc : 130428-03,04/23/13,04/23/13,4000
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 06 13:44:06 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
Quant Title :
QLast Update : Thu May 02 09:45:50 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-03-13\
 Data File : Y7969.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 03 May 2013 17:30
 Operator : NG
 Sample : W-40N_(6.0,03698-021,S,5.00g,22.8,04/28/13,4
 Misc : 130428-03,04/23/13,04/23/13,10
 ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 06 13:45:15 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
 Quant Title :
 QLast Update : Thu May 02 09:45:50 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
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System Monitoring Compounds

1) S TCMX	2.76	2.91	2150.3E6	594.3E6	33.920	31.243
Spiked Amount	200.000			Recovery	=	16.96%
2) S DCB	12.01	12.51	543.0E6	178.5E6	35.749m	34.893m
Spiked Amount	200.000			Recovery	=	17.87%

Target Compounds

Sum Aroclor-1016		0	0	N.D.	N.D.
Average Aroclor-1016				0.000	0.000
Sum Aroclor-1221		0	0	N.D.	N.D.
Average Aroclor-1221				0.000	0.000
Sum Aroclor-1232		0	0	N.D.	N.D.
Average Aroclor-1232				0.000	0.000

Sum Aroclor-1242		0	0	N.D.	N.D.
Average Aroclor-1242				0.000	0.000

Sum Aroclor-1248		0	0	N.D.	N.D.
Average Aroclor-1248				0.000	0.000

Sum Aroclor-1254		0	0	N.D.	N.D.
Average Aroclor-1254				0.000	0.000

33) L8 Aroclor-1260	8.24	7.89	2921.8E6	414.7E6	473.994	617.064 #
34) L8 Aroclor-1260	{2}	8.91	2124.9E6	550.5E6	756.723	556.672 #
35) L8 Aroclor-1260	{3}	9.38	5874.7E6	658.4E6	886.555	766.696
36) L8 Aroclor-1260	{4}	9.86	2312.0E6	1588.2E6	671.452	878.144 #
37) L8 Aroclor-1260	{5}	10.92	1344.7E6	1119.0E6	961.563m	837.760
Sum Aroclor-1260			14578.1E6	4330.7E6	3750.288	3656.336
Average Aroclor-1260					750.058	731.267

Sum Aroclor-1262		0	0	N.D.	N.D.
Average Aroclor-1262				0.000	0.000

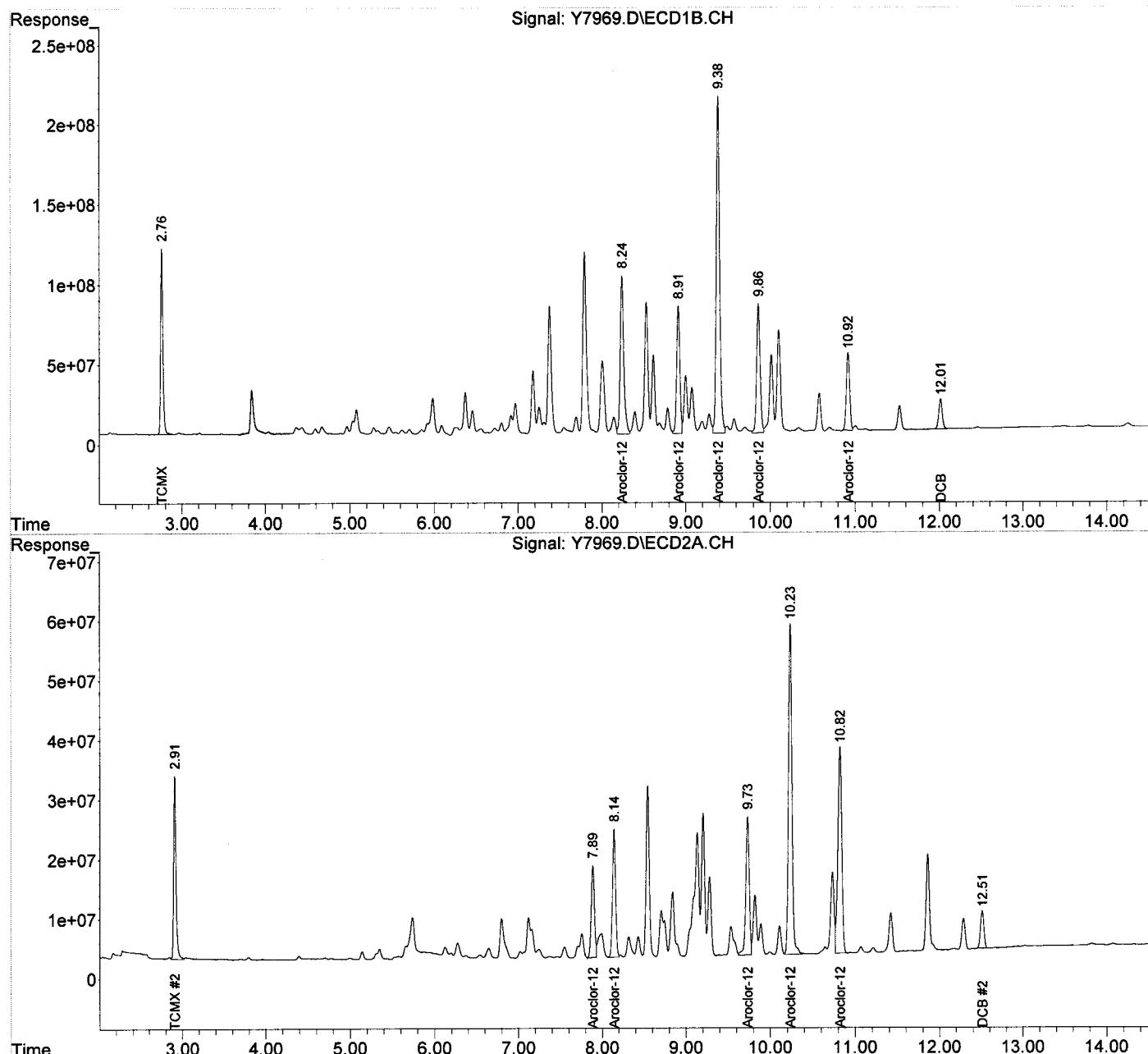
Sum Aroclor-1268		0	0	N.D.	N.D.
Average Aroclor-1268				0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-03-13\
 Data File : Y7969.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 03 May 2013 17:30
 Operator : NG
 Sample : W-40N_(6.0,03698-021,S,5.00g,22.8,04/28/13,4
 Misc : 130428-03,04/23/13,04/23/13,10
 ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 06 13:45:15 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
 Quant Title :
 QLast Update : Thu May 02 09:45:50 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-03-13\
 Data File : Y7970.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 03 May 2013 17:48
 Operator : NG
 Sample : W-40S_(6.0,03698-022,S,5.00g,20.8,04/28/13,4
 Misc : 130428-03,04/23/13,04/23/13,5
 ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 06 14:01:06 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
 Quant Title :
 QLast Update : Thu May 02 09:45:50 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.76	2.91	4671.0E6	1216.7E6	73.681	63.961
Spiked Amount	200.000			Recovery	=	31.98%
2) S DCB	12.01	12.51	1090.2E6	373.0E6	71.779m	72.891m
Spiked Amount	200.000			Recovery	=	36.45%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
28) L7 Aroclor-1254	6.37	7.12	1143.9E6	260.0E6	259.206	206.476
29) L7 Aroclor-1254 {2}	6.80	7.71	671.8E6	178.8E6	229.176	186.440
30) L7 Aroclor-1254 {3}	6.97	8.32	1291.1E6	271.2E6	236.728	289.206
31) L7 Aroclor-1254 {4}	7.38	0.00	2186.1E6	0	406.366	N.D. d#
32) L7 Aroclor-1254 {5}	8.24	9.13	2261.9E6	535.4E6	452.849	427.423m
Sum Aroclor-1254			7554.8E6	1245.4E6	1584.324	1109.544
Average Aroclor-1254					316.865	277.386
33) L8 Aroclor-1260	8.24	7.89	2261.9E6	495.9E6	366.931	738.023m#
34) L8 Aroclor-1260 {2}	8.91	8.14	1201.5E6	458.4E6	427.885	463.529
35) L8 Aroclor-1260 {3}	9.38	9.73	3149.4E6	460.5E6	475.279	536.173
36) L8 Aroclor-1260 {4}	9.86	10.24	1378.1E6	951.5E6	400.237	526.132 #
37) L8 Aroclor-1260 {5}	10.92	10.82	760.6E6	699.6E6	543.874	523.801
Sum Aroclor-1260			8751.5E6	3066.0E6	2214.207	2787.659
Average Aroclor-1260					442.841	557.532
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Data Path : C:\MSDCHEM\1\DATA\05-03-13\
Data File : Y7970.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 May 2013 17:48
Operator : NG
Sample : W-40S_(6.0,03698-022,S,5.00g,20.8,04/28/13,4
Misc : 130428-03,04/23/13,04/23/13,5
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 06 14:01:06 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
Quant Title :
QLast Update : Thu May 02 09:45:50 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

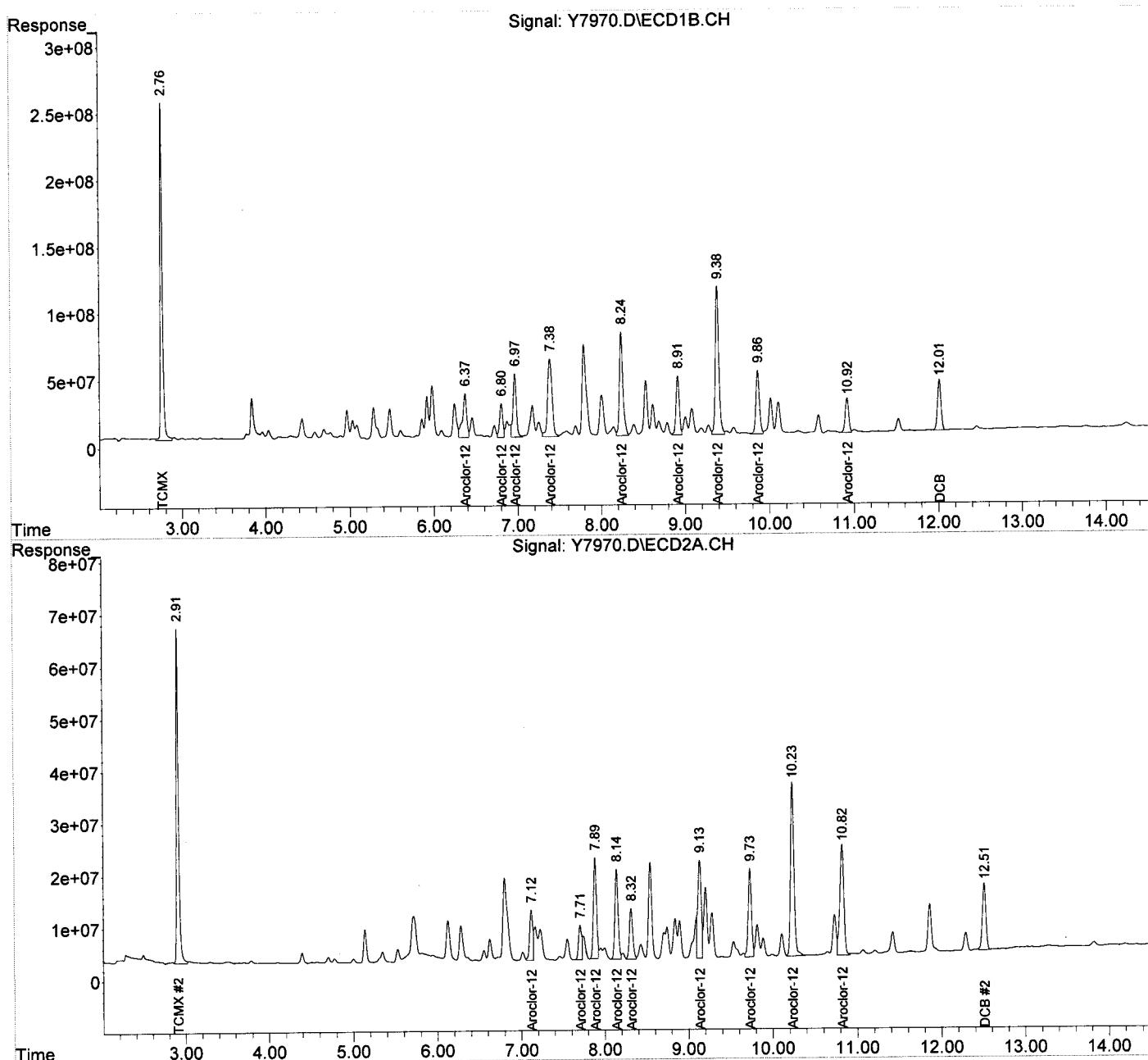
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
-----	-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----	-----

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-03-13\
 Data File : Y7970.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 03 May 2013 17:48
 Operator : NG
 Sample : W-40S_(6.0,03698-022,S,5.00g,20.8,04/28/13,4
 Misc : 130428-03,04/23/13,04/23/13,5
 ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 06 14:01:06 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
 Quant Title :
 QLast Update : Thu May 02 09:45:50 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-03-13\
 Data File : Y7971.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 03 May 2013 18:05
 Operator : NG
 Sample : W-41S_(0-2,03698-023,S,5.00g,29.1,04/28/13,4
 Misc : 130428-03,04/23/13,04/23/13,5
 ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 06 14:00:49 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
 Quant Title :
 QLast Update : Thu May 02 09:45:50 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.76	2.91	3032.6E6	1042.9E6	47.837	54.827
Spiked Amount	200.000			Recovery	=	23.92% 27.41%
2) S DCB	12.02	12.51	801.8E6	331.3E6	52.792	64.754
Spiked Amount	200.000			Recovery	=	26.40% 32.38%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
28) L7 Aroclor-1254	6.37	7.12	2755.6E6	673.9E6	624.406	535.128m
29) L7 Aroclor-1254 {2}	6.80	7.71	1611.9E6	567.2E6	549.900	591.243m
30) L7 Aroclor-1254 {3}	6.97	0.00	3707.0E6	0	679.669	N.D. d#
31) L7 Aroclor-1254 {4}	7.39	0.00	5013.2E6	0	931.874	N.D. d#
32) L7 Aroclor-1254 {5}	8.24	9.13	4223.2E6	1430.7E6	845.522	1142.229m#
Sum Aroclor-1254			17310.9E6	2671.8E6	3631.372	2268.600
Average Aroclor-1254					726.274	756.200
33) L8 Aroclor-1260	8.24	7.88	4223.2E6	1541.9E6	685.104	2294.559 #
34) L8 Aroclor-1260 {2}	8.91	8.14	2050.1E6	1081.0E6	730.090	1093.092 #
35) L8 Aroclor-1260 {3}	9.38	9.73	5026.1E6	1078.0E6	758.495	1255.235 #
36) L8 Aroclor-1260 {4}	9.86	10.23	1917.1E6	1928.0E6	556.780	1066.036 #
37) L8 Aroclor-1260 {5}	10.92	10.82	1127.8E6	1237.2E6	806.421	926.221
Sum Aroclor-1260			14344.3E6	6866.0E6	3536.890	6635.143
Average Aroclor-1260					707.378	1327.029
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Data Path : C:\MSDCHEM\1\DATA\05-03-13\
Data File : Y7971.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 May 2013 18:05
Operator : NG
Sample : W-41S_(0-2,03698-023,S,5.00g,29.1,04/28/13,4
Misc : 130428-03,04/23/13,04/23/13,5
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 06 14:00:49 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
Quant Title :
QLast Update : Thu May 02 09:45:50 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

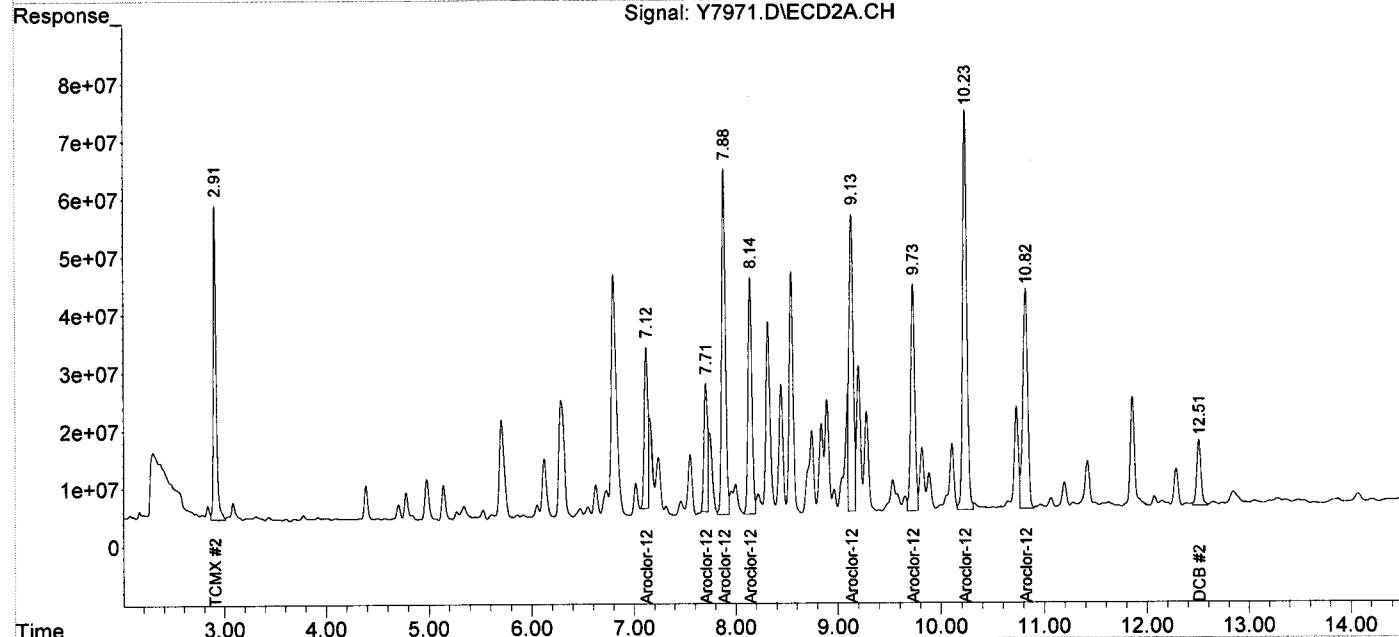
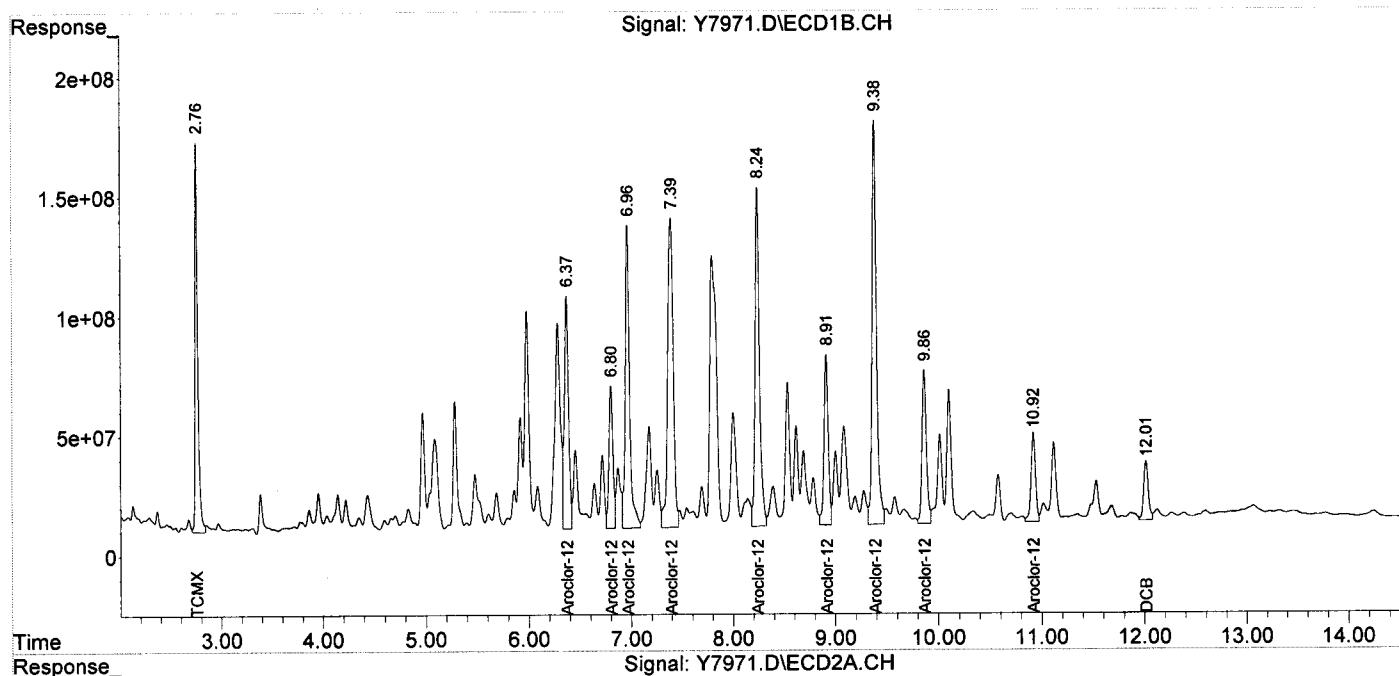
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
-----	-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----	-----

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-03-13\
 Data File : Y7971.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 03 May 2013 18:05
 Operator : NG
 Sample : W-41S_(0-2,03698-023,S,5.00g,29.1,04/28/13,4
 Misc : 130428-03,04/23/13,04/23/13,5
 ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 06 14:00:49 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
 Quant Title :
 QLast Update : Thu May 02 09:45:50 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-03-13\
 Data File : Y7972.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 03 May 2013 18:22
 Operator : NG
 Sample : W-41S_(2.0,03698-024,S,5.00g,24.8,04/28/13,4
 Misc : 130428-03,04/23/13,04/23/13,250
 ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 06 14:02:05 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
 Quant Title :
 QLast Update : Thu May 02 09:45:50 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
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System Monitoring Compounds

Target Compounds

Sum Aroclor-1016		0	0	N.D.	N.D.
Average Aroclor-1016				0.000	0.000

Sum Aroclor-1221		0	0	N.D.	N.D.
Average Aroclor-1221				0.000	0.000

Sum Aroclor-1232		0	0	N.D.	N.D.
Average Aroclor-1232				0.000	0.000

Sum Aroclor-1242		0	0	N.D.	N.D.
Average Aroclor-1242				0.000	0.000

Sum Aroclor-1248		0	0	N.D.	N.D.
Average Aroclor-1248				0.000	0.000

Sum Aroclor-1254		0	0	N.D.	N.D.
Average Aroclor-1254				0.000	0.000

33) L8 Aroclor-1260	8.24	7.89	3296.1E6	826.1E6	534.714	1229.285 #
34) L8 Aroclor-1260	{2}	8.91	3037.5E6	1167.3E6	1081.714	1180.426
35) L8 Aroclor-1260	{3}	9.39	6275.3E6	1335.8E6	947.018	1555.422 #
36) L8 Aroclor-1260	{4}	9.86	3326.8E6	3185.0E6	966.183	1761.124 #
37) L8 Aroclor-1260	{5}	10.92	1925.2E6	1965.5E6	1376.594	1471.479
Sum Aroclor-1260			17860.9E6	8479.7E6	4906.223	7197.737
Average Aroclor-1260					981.245	1439.547

Sum Aroclor-1262		0	0	N.D.	N.D.
Average Aroclor-1262				0.000	0.000

Sum Aroclor-1268		0	0	N.D.	N.D.
Average Aroclor-1268				0.000	0.000

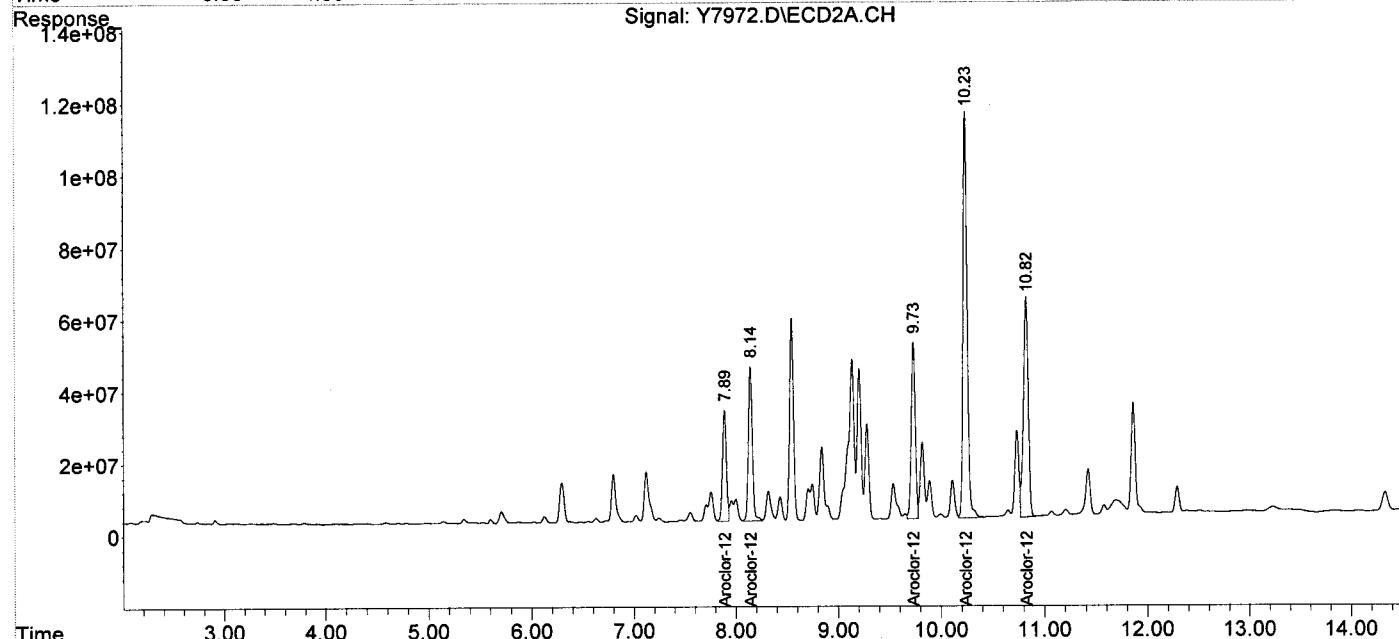
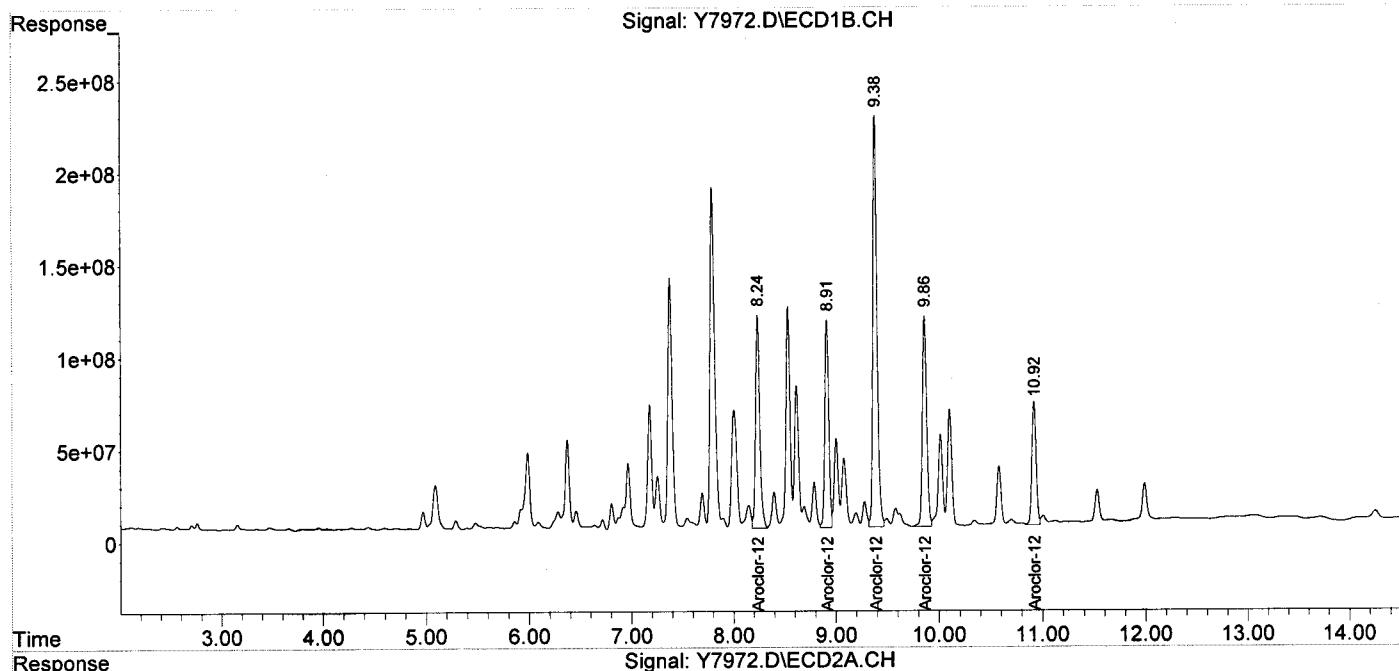
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-03-13\
Data File : Y7972.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 May 2013 18:22
Operator : NG
Sample : W-41S_(2.0,03698-024,S,5.00g,24.8,04/28/13,4
Misc : 130428-03,04/23/13,04/23/13,250
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 06 14:02:05 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
Quant Title :
QLast Update : Thu May 02 09:45:50 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-03-13\
 Data File : Y7973.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 03 May 2013 18:39
 Operator : NG
 Sample : W-41S_(4.0,03698-025,S,5.00g,24.3,04/28/13,4
 Misc : 130428-03,04/23/13,04/23/13,100
 ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 06 14:03:14 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
 Quant Title :
 QLast Update : Thu May 02 09:45:50 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
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System Monitoring Compounds

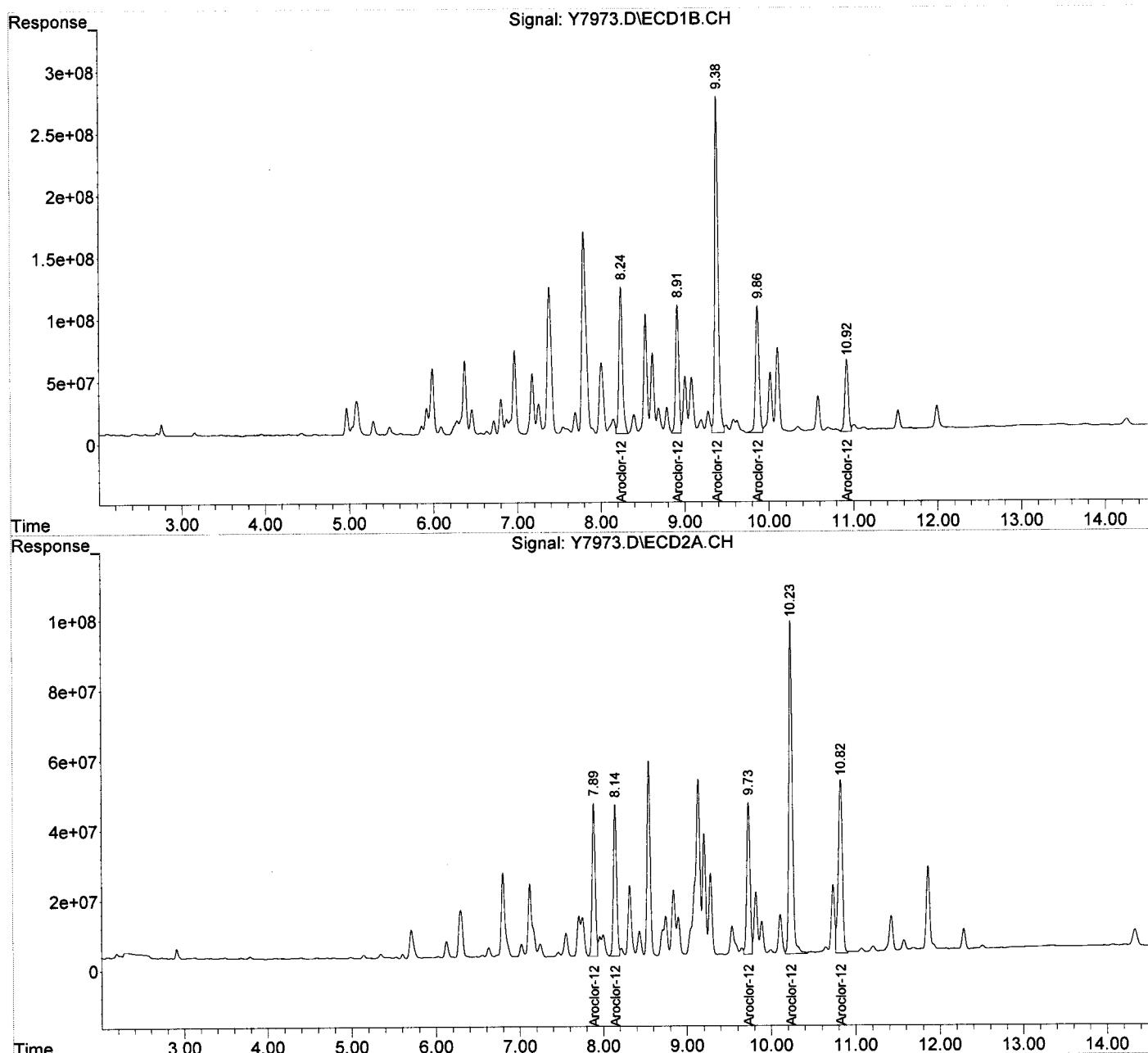
Target Compounds						
	Sum Aroclor-1016		0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
	Sum Aroclor-1221		0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
	Sum Aroclor-1232		0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
	Sum Aroclor-1242		0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
	Sum Aroclor-1248		0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
	Sum Aroclor-1254		0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.24	7.89	3410.8E6	1133.1E6	553.317	1686.162 #
34) L8 Aroclor-1260 {2}	8.91	8.14	2732.8E6	1159.1E6	973.222	1172.140
35) L8 Aroclor-1260 {3}	9.39	9.73	7603.7E6	1196.1E6	1147.489	1392.798
36) L8 Aroclor-1260 {4}	9.86	10.24	2992.0E6	2710.8E6	868.938	1498.869 #
37) L8 Aroclor-1260 {5}	10.92	10.82	1686.4E6	1648.3E6	1205.835	1234.066
Sum Aroclor-1260			18425.7E6	7847.4E6	4748.801	6984.033
Average Aroclor-1260					949.760	1396.807
	Sum Aroclor-1262		0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
	Sum Aroclor-1268		0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-03-13\
Data File : Y7973.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 May 2013 18:39
Operator : NG
Sample : W-41S_(4.0,03698-025,S,5.00g,24.3,04/28/13,4
Misc : 130428-03,04/23/13,04/23/13,100
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 06 14:03:14 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
Quant Title :
QLast Update : Thu May 02 09:45:50 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-03-13\
 Data File : Y7974.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 03 May 2013 18:56
 Operator : NG
 Sample : W-41W_(0-2,03698-026,S,5.00g,29.0,04/28/13,4
 Misc : 130428-03,04/23/13,04/23/13,250
 ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 07 10:54:26 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
 Quant Title :
 QLast Update : Thu May 02 09:45:50 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
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System Monitoring Compounds

Target Compounds

Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
28) L7 Aroclor-1254	6.37	7.12	1365.2E6	452.9E6	309.347	359.626
29) L7 Aroclor-1254 {2}	6.80	7.71	754.0E6	219.6E6	257.210	228.921
30) L7 Aroclor-1254 {3}	6.97	8.32	1837.8E6	343.2E6	336.950	365.967
31) L7 Aroclor-1254 {4}	7.38	0.00	3086.9E6	0	573.809	N.D. d#
32) L7 Aroclor-1254 {5}	8.24	9.14	3265.1E6	745.2E6	653.714	594.944m
Sum Aroclor-1254			10309.0E6	1760.9E6	2131.029	1549.457
Average Aroclor-1254					426.206	387.364
33) L8 Aroclor-1260	8.24	7.89	3265.1E6	636.5E6	529.687	947.264 #
34) L8 Aroclor-1260 {2}	8.92	8.14	1498.0E6	554.6E6	533.487	560.782
35) L8 Aroclor-1260 {3}	9.39	9.73	3697.4E6	547.1E6	557.985	637.064
36) L8 Aroclor-1260 {4}	9.86	10.24	1564.1E6	1183.0E6	454.255	654.131 #
37) L8 Aroclor-1260 {5}	10.92	10.82	832.2E6	627.9E6	595.046	470.106
Sum Aroclor-1260			10856.9E6	3549.2E6	2670.460	3269.347
Average Aroclor-1260					534.092	653.869
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

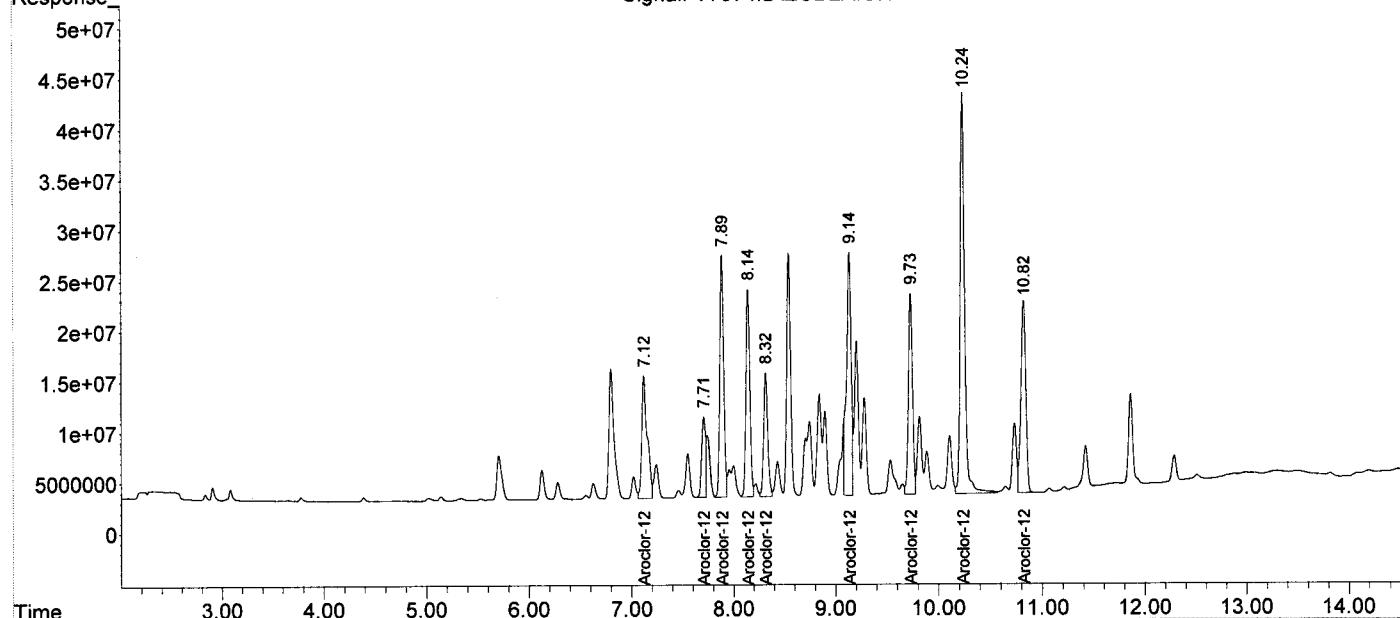
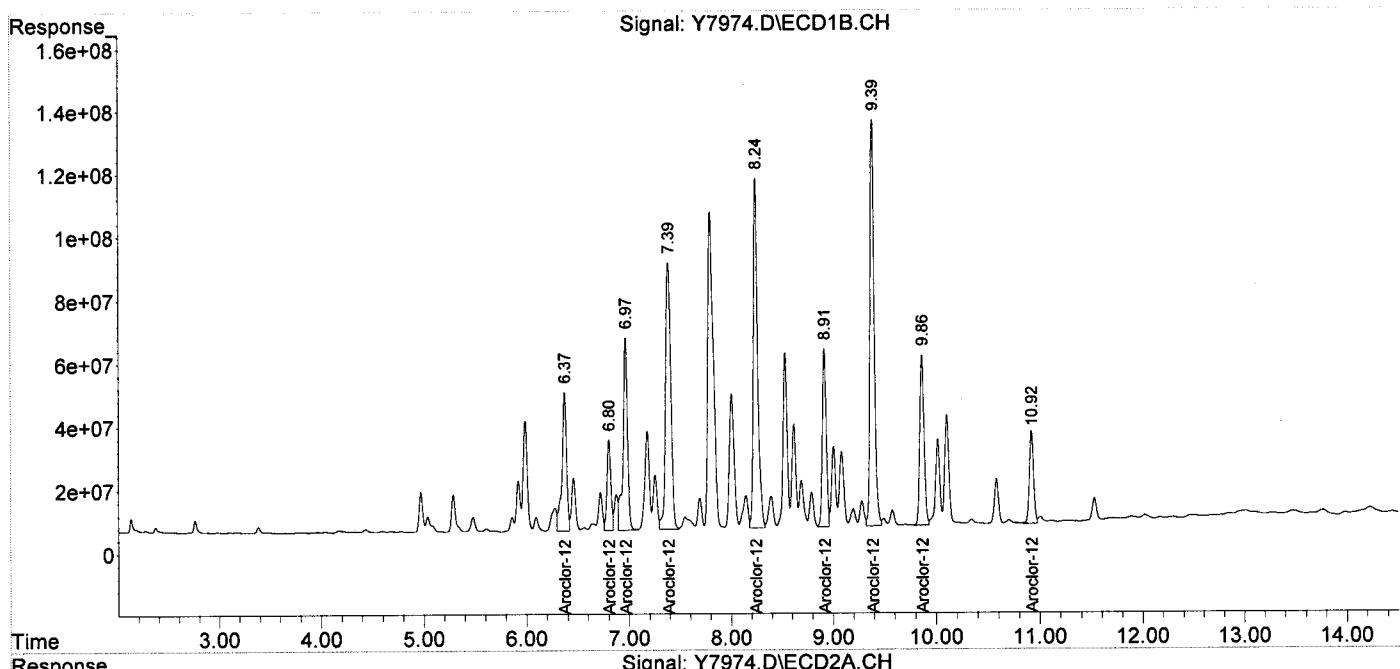
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-03-13\
Data File : Y7974.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 May 2013 18:56
Operator : NG
Sample : W-41W_(0-2,03698-026,S,5.00g,29.0,04/28/13,4
Misc : 130428-03,04/23/13,04/23/13,250
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 10:54:26 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
Quant Title :
QLast Update : Thu May 02 09:45:50 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-03-13\
 Data File : Y7975.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 03 May 2013 19:13
 Operator : NG
 Sample : W-41W_(4.0,03698-027,S,5.00g,54.2,04/28/13,4
 Misc : 130428-03,04/23/13,04/23/13,250
 ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 06 14:08:17 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
 Quant Title :
 QLast Update : Thu May 02 09:45:50 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
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System Monitoring Compounds

Target Compounds				N.D.	N.D.
Sum Aroclor-1016			0	0	0.000

Average Aroclor-1016

Sum Aroclor-1221			0	0	N.D.
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Average Aroclor-1221

Sum Aroclor-1232			0	0	N.D.
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Average Aroclor-1232

Sum Aroclor-1242			0	0	N.D.
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Average Aroclor-1242

Sum Aroclor-1248			0	0	N.D.
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Average Aroclor-1248

Sum Aroclor-1254			0	0	N.D.
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Average Aroclor-1254

33) L8 Aroclor-1260	8.24	7.89	1962.5E6	386.4E6	318.370	575.076 #
34) L8 Aroclor-1260 {2}	8.92	8.14	1872.5E6	554.0E6	666.843	560.205
35) L8 Aroclor-1260 {3}	9.38	9.73	4978.5E6	602.9E6	751.304	702.018
36) L8 Aroclor-1260 {4}	9.86	10.23	2058.4E6	1476.4E6	597.800	816.342 #
37) L8 Aroclor-1260 {5}	10.92	10.82	1056.5E6	933.0E6	755.431	698.478
Sum Aroclor-1260			11928.3E6	3952.7E6	3089.748	3352.119
Average Aroclor-1260					617.950	670.424

Sum Aroclor-1262			0	0	N.D.	N.D.
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Average Aroclor-1262

Sum Aroclor-1268			0	0	N.D.	N.D.
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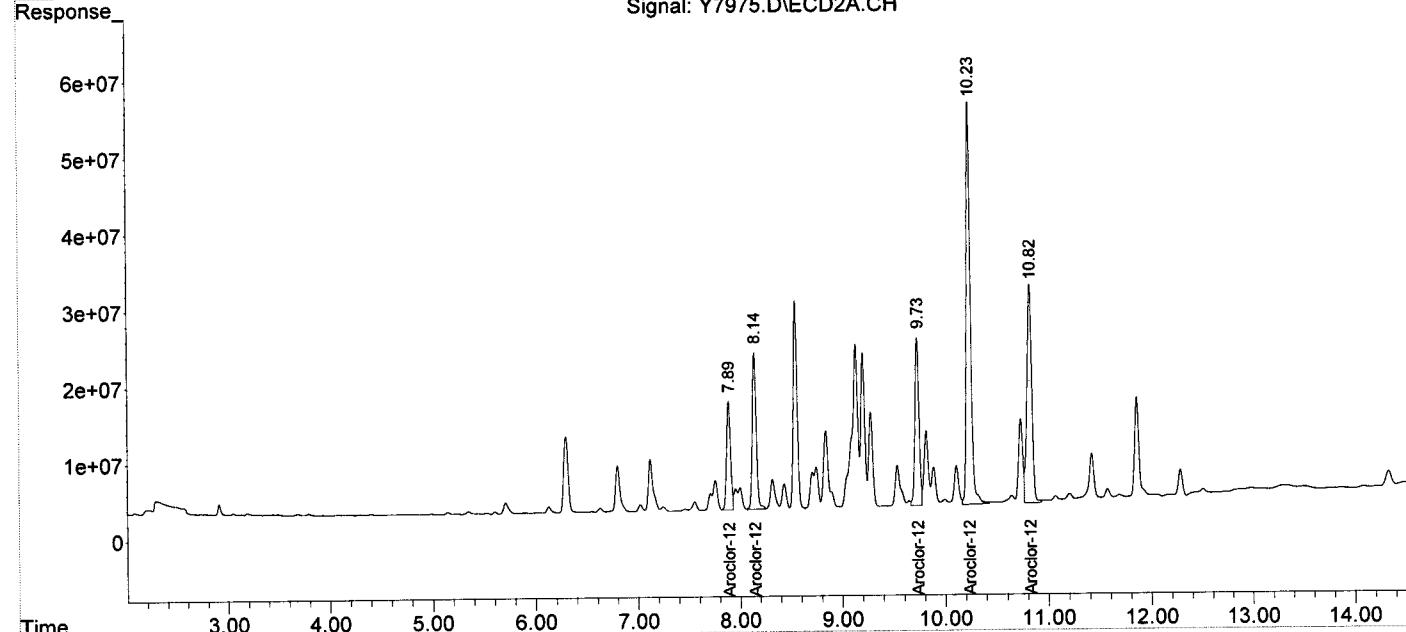
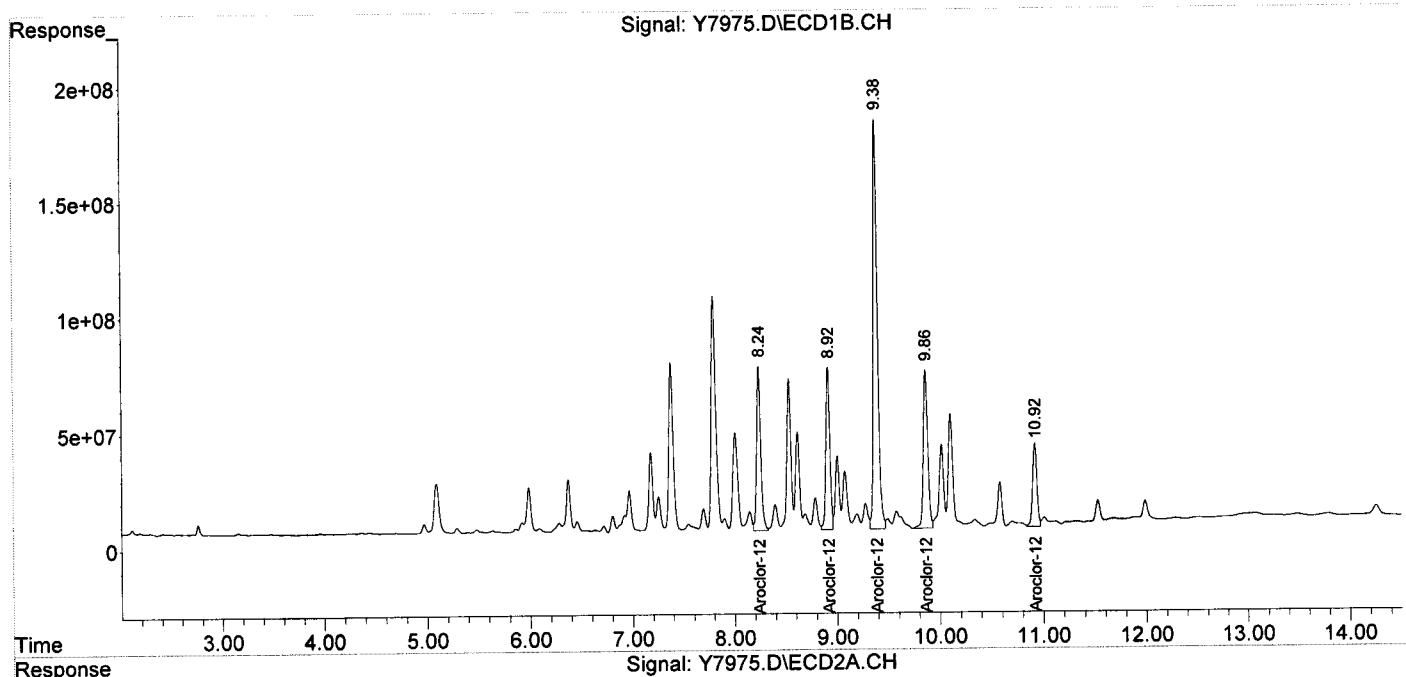
Average Aroclor-1268

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-03-13\
Data File : Y7975.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 May 2013 19:13
Operator : NG
Sample : W-41W_(4.0,03698-027,S,5.00g,54.2,04/28/13,4
Misc : 130428-03,04/23/13,04/23/13,250
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 06 14:08:17 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
Quant Title :
QLast Update : Thu May 02 09:45:50 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-03-13\
 Data File : Y7976.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 03 May 2013 19:31
 Operator : NG
 Sample : W-40W_(0-2,03698-028,S,5.00g,31.1,04/28/13,4
 Misc : 130428-03,04/23/13,04/23/13,500
 ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 06 14:09:05 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
 Quant Title :
 QLast Update : Thu May 02 09:45:50 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
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System Monitoring Compounds

Target Compounds

Sum Aroclor-1016		0	0	N.D.	N.D.
Average Aroclor-1016				0.000	0.000

Sum Aroclor-1221		0	0	N.D.	N.D.
Average Aroclor-1221				0.000	0.000

Sum Aroclor-1232		0	0	N.D.	N.D.
Average Aroclor-1232				0.000	0.000

Sum Aroclor-1242		0	0	N.D.	N.D.
Average Aroclor-1242				0.000	0.000

Sum Aroclor-1248		0	0	N.D.	N.D.
Average Aroclor-1248				0.000	0.000

Sum Aroclor-1254		0	0	N.D.	N.D.
Average Aroclor-1254				0.000	0.000

33) L8 Aroclor-1260	8.24	7.89	1027.4E6	191.1E6	166.665	284.312 #
34) L8 Aroclor-1260 {2}	8.92	8.14	581.6E6	205.5E6	207.134	207.811
35) L8 Aroclor-1260 {3}	9.39	9.73	1610.8E6	209.2E6	243.081	243.572
36) L8 Aroclor-1260 {4}	9.86	10.23	691.0E6	478.3E6	200.695	264.493 #
37) L8 Aroclor-1260 {5}	10.92	10.82	424.5E6	347.5E6	303.542	260.128
Sum Aroclor-1260			4335.3E6	1431.5E6	1121.116	1260.317
Average Aroclor-1260					224.223	252.063

Sum Aroclor-1262		0	0	N.D.	N.D.
Average Aroclor-1262				0.000	0.000

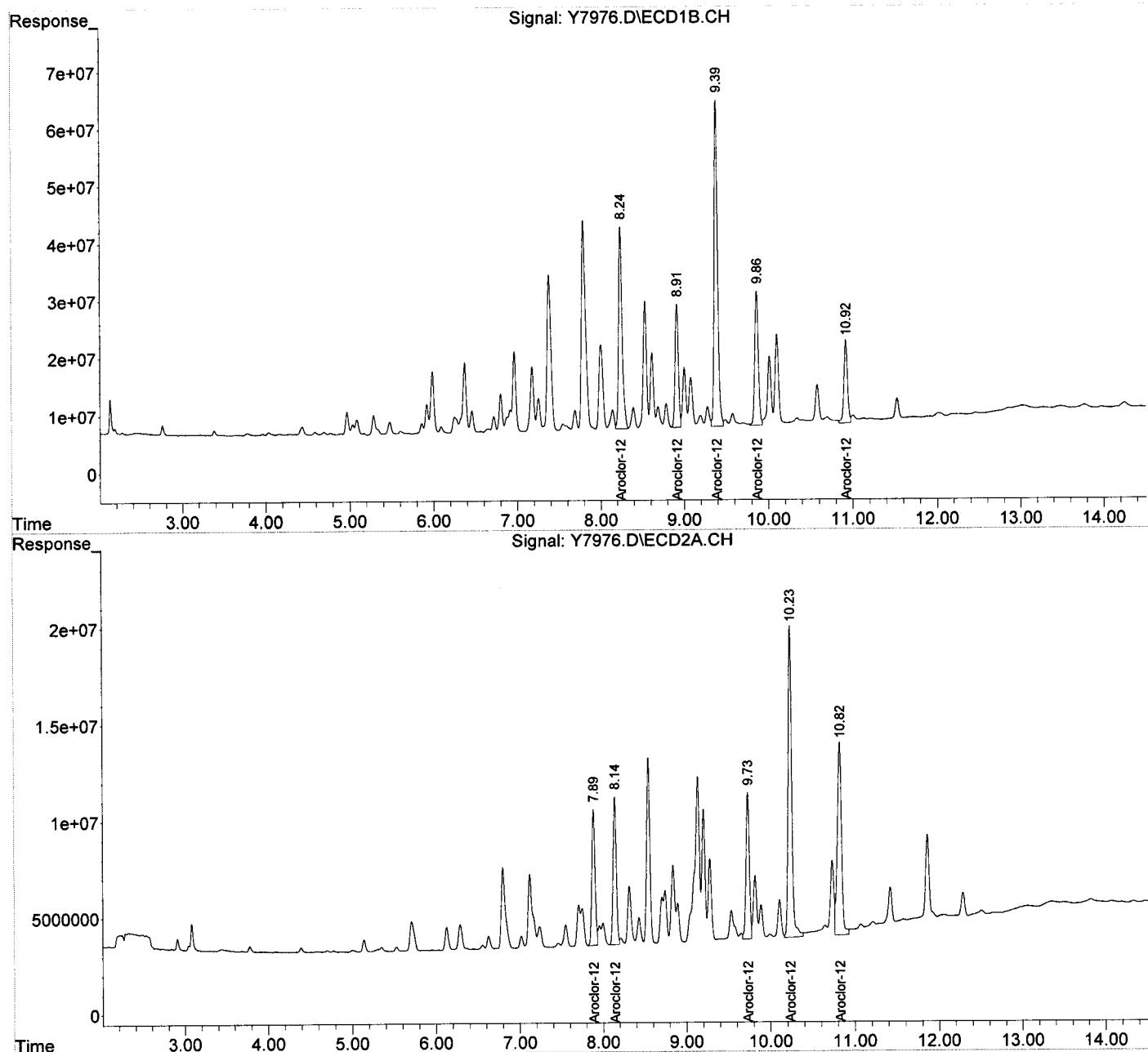
Sum Aroclor-1268		0	0	N.D.	N.D.
Average Aroclor-1268				0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-03-13\
Data File : Y7976.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 May 2013 19:31
Operator : NG
Sample : W-40W_(0-2,03698-028,S,5.00g,31.1,04/28/13,4
Misc : 130428-03,04/23/13,04/23/13,500
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 06 14:09:05 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
Quant Title :
QLast Update : Thu May 02 09:45:50 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-03-13\
 Data File : Y7980.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 03 May 2013 20:56
 Operator : NG
 Sample : W-40W_(2.0,03698-029,S,5.00g,26.8,04/28/13,4
 Misc : 130428-04,04/23/13,04/23/13,2000
 ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 07 12:21:37 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
 Quant Title :
 QLast Update : Thu May 02 09:45:50 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
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System Monitoring Compounds

Target Compounds

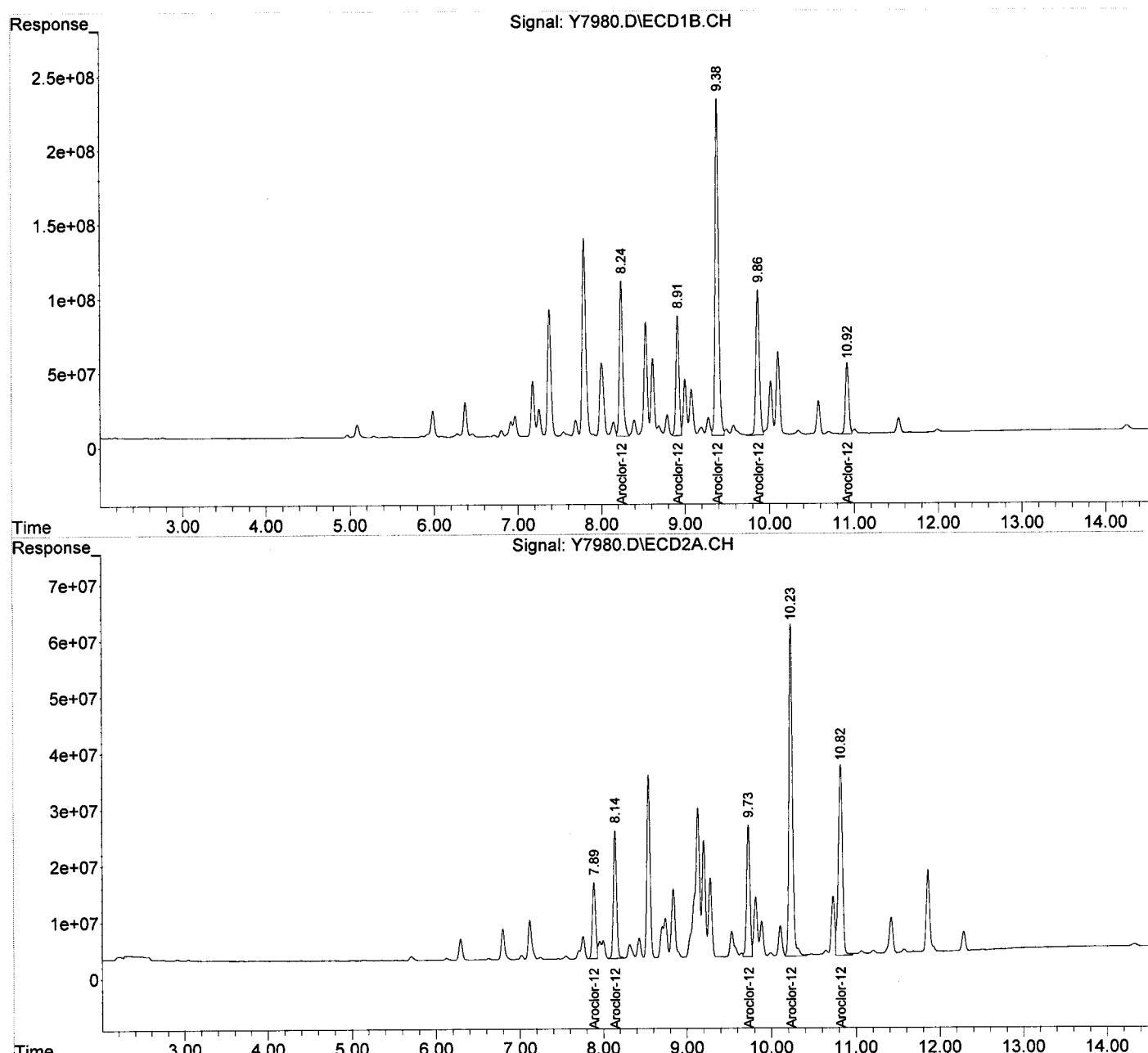
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.24	7.89	2953.2E6	368.9E6	479.086	549.013
34) L8 Aroclor-1260 {2}	8.91	8.14	2107.3E6	605.4E6	750.454	612.210
35) L8 Aroclor-1260 {3}	9.38	9.73	6283.5E6	636.1E6	948.253	740.718
36) L8 Aroclor-1260 {4}	9.86	10.23	2798.8E6	1674.0E6	812.844	925.618
37) L8 Aroclor-1260 {5}	10.92	10.82	1324.4E6	1145.2E6	947.009	857.370
Sum Aroclor-1260			15467.3E6	4429.7E6	3937.646	3684.929
Average Aroclor-1260					787.529	736.986
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-03-13\
Data File : Y7980.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 May 2013 20:56
Operator : NG
Sample : W-40W_(2.0,03698-029,S,5.00g,26.8,04/28/13,4
Misc : 130428-04,04/23/13,04/23/13,2000
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 12:21:37 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
Quant Title :
QLast Update : Thu May 02 09:45:50 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-03-13\
 Data File : Y7981.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 03 May 2013 21:14
 Operator : NG
 Sample : W-40W_(4.0,03698-030,S,5.03g,29.1,04/28/13,4
 Misc : 130428-04,04/23/13,04/23/13,500
 ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 07 12:22:31 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
 Quant Title :
 QLast Update : Thu May 02 09:45:50 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
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System Monitoring Compounds

Target Compounds

Sum Aroclor-1016		0	0	N.D.	N.D.
Average Aroclor-1016				0.000	0.000

Sum Aroclor-1221		0	0	N.D.	N.D.
Average Aroclor-1221				0.000	0.000

Sum Aroclor-1232		0	0	N.D.	N.D.
Average Aroclor-1232				0.000	0.000

Sum Aroclor-1242		0	0	N.D.	N.D.
Average Aroclor-1242				0.000	0.000

Sum Aroclor-1248		0	0	N.D.	N.D.
Average Aroclor-1248				0.000	0.000

Sum Aroclor-1254		0	0	N.D.	N.D.
Average Aroclor-1254				0.000	0.000

33) L8 Aroclor-1260	8.24	7.89	2333.2E6	493.1E6	378.501	733.843 #	
34) L8 Aroclor-1260	{2}	8.91	1983.3E6	652.9E6	706.283	660.190	
35) L8 Aroclor-1260	{3}	9.38	5900.0E6	673.3E6	890.373	784.044	
36) L8 Aroclor-1260	{4}	9.86	10.23	2526.6E6	1725.1E6	733.787	953.862 #
37) L8 Aroclor-1260	{5}	10.92	10.82	1179.8E6	1080.0E6	843.612	808.558
Sum Aroclor-1260			13922.8E6	4624.4E6	3552.556	3940.497	
Average Aroclor-1260					710.511	788.099	

Sum Aroclor-1262		0	0	N.D.	N.D.
Average Aroclor-1262				0.000	0.000

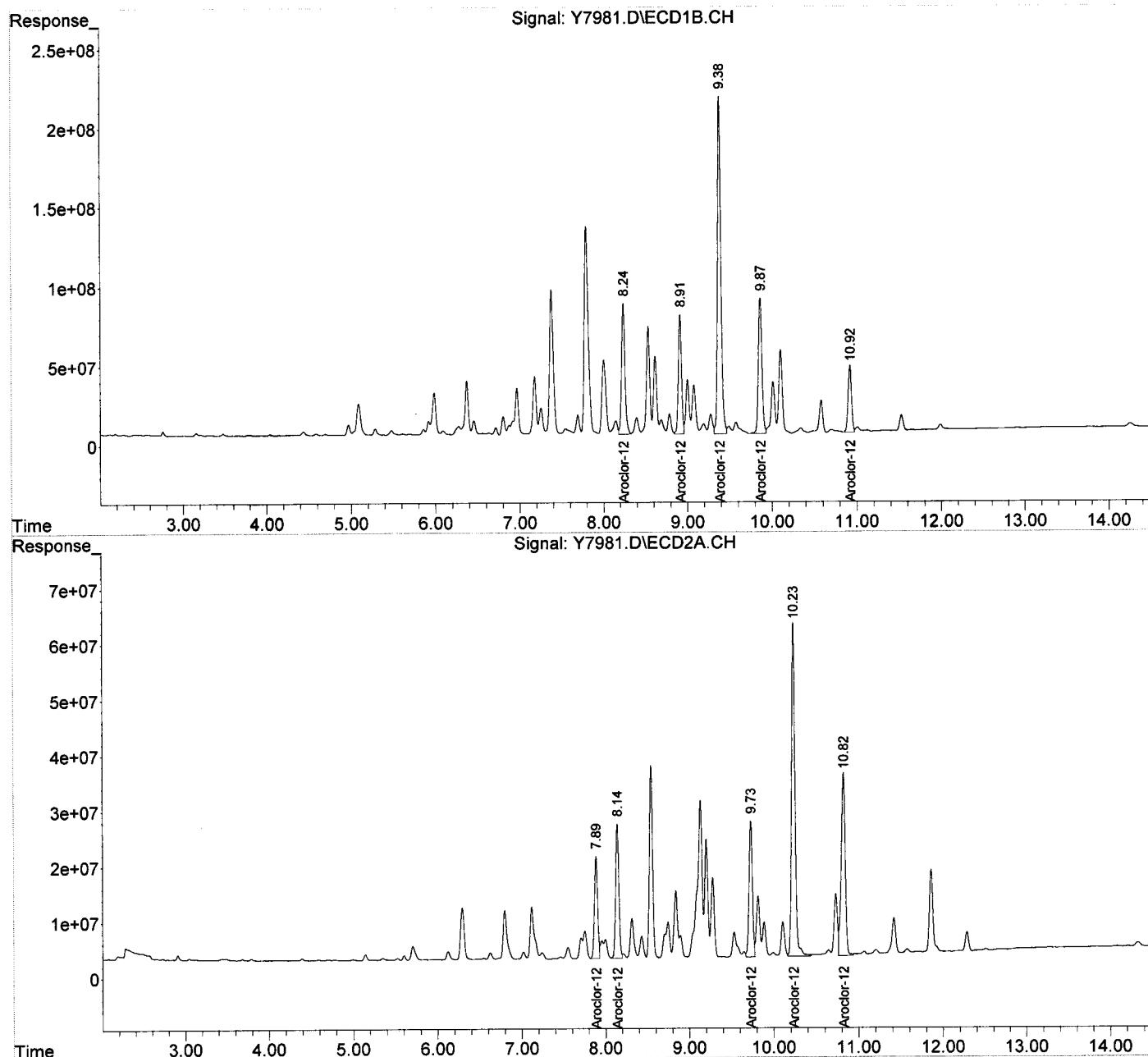
Sum Aroclor-1268		0	0	N.D.	N.D.
Average Aroclor-1268				0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-03-13\
Data File : Y7981.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 May 2013 21:14
Operator : NG
Sample : W-40W_(4.0,03698-030,S,5.03g,29.1,04/28/13,4
Misc : 130428-04,04/23/13,04/23/13,500
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 12:22:31 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
Quant Title :
QLast Update : Thu May 02 09:45:50 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-02-13\
 Data File : Y7919.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 03 May 2013 1:04
 Operator : NG
 Sample : W-40W_(6.0,03698-031,S,5.58g,23.9,04/28/13,4
 Misc : 130428-04,04/23/13,04/23/13,1
 ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 07 11:51:39 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
 Quant Title :
 QLast Update : Thu May 02 09:45:50 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
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System Monitoring Compounds

1) S TCMX	2.76	2.91	19188.6E6	5447.9E6	302.686	286.401
Spiked Amount	200.000				Recovery =	151.34%
2) S DCB	12.01	12.51	5416.5E6	1909.8E6	356.619	373.226
Spiked Amount	200.000				Recovery =	178.31%

Target Compounds

Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000

18) L5 Aroclor-1242	4.04	4.78	309.1E6	25640960	207.874	92.327 #
19) L5 Aroclor-1242 {2}	4.97	0.00	612.0E6	0	656.741	N.D. d#
20) L5 Aroclor-1242 {3}	5.29	6.13	724.1E6	244.0E6	527.236	406.411
21) L5 Aroclor-1242 {4}	5.98	6.29	1256.5E6	317.8E6	666.792	633.991
22) L5 Aroclor-1242 {5}	6.24	6.80	958.1E6	637.1E6	533.720	690.898 #
Sum Aroclor-1242			3859.9E6	1224.5E6	2592.364	1823.627
Average Aroclor-1242					518.473	455.907

Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000

Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000

33) L8 Aroclor-1260	8.24	7.89	2571.1E6	567.0E6	417.099	843.768 #
34) L8 Aroclor-1260 {2}	8.91	8.14	1740.8E6	665.7E6	619.930	673.207
35) L8 Aroclor-1260 {3}	9.38	9.73	4855.2E6	689.4E6	732.699	802.717
36) L8 Aroclor-1260 {4}	9.86	10.24	2451.2E6	1777.4E6	711.892	982.773m#
37) L8 Aroclor-1260 {5}	10.92	10.82	1253.9E6	1112.2E6	896.621m	832.700m
Sum Aroclor-1260			12872.2E6	4811.7E6	3378.241	4135.165
Average Aroclor-1260					675.648	827.033

Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000

Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Data Path : C:\MSDCHEM\1\DATA\05-02-13\
Data File : Y7919.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 May 2013 1:04
Operator : NG
Sample : W-40W_(6.0,03698-031,S,5.58g,23.9,04/28/13,4
Misc : 130428-04,04/23/13,04/23/13,1
ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 11:51:39 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
Quant Title :
QLast Update : Thu May 02 09:45:50 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

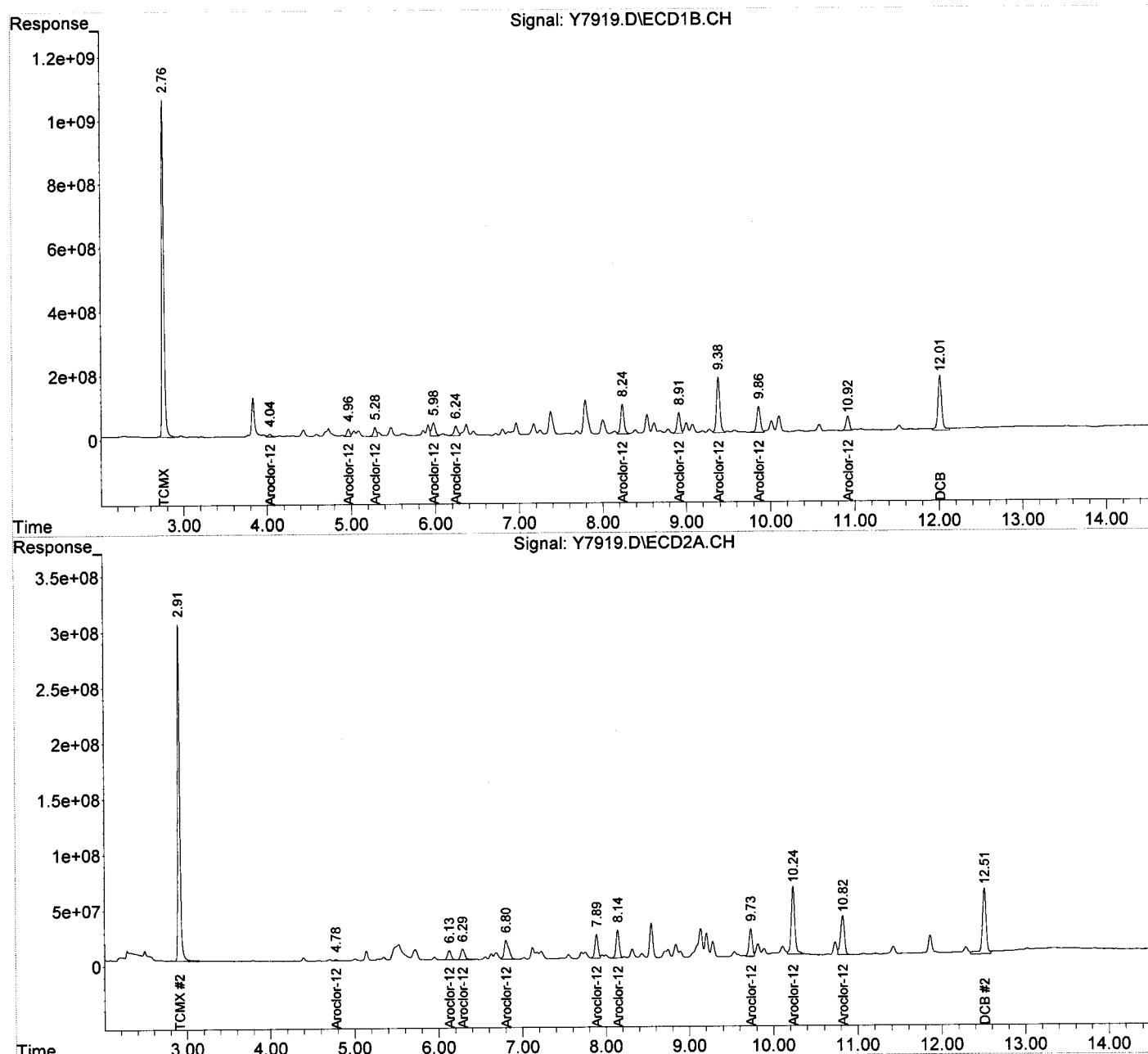
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
-----	-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----	-----

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-02-13\
 Data File : Y7919.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 03 May 2013 1:04
 Operator : NG
 Sample : W-40W_(6.0,03698-031,S,5.58g,23.9,04/28/13,4
 Misc : 130428-04,04/23/13,04/23/13,1
 ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 07 11:51:39 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
 Quant Title :
 QLast Update : Thu May 02 09:45:50 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-03-13\
 Data File : Y7982.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 03 May 2013 21:31
 Operator : NG
 Sample : V-39E_(0-2,03698-032,S,5.13g,27.6,04/28/13,4
 Misc : 130428-04,04/23/13,04/23/13,200
 ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 07 12:23:12 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
 Quant Title :
 QLast Update : Thu May 02 09:45:50 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
----------	------	------	--------	--------	------	------

System Monitoring Compounds

Target Compounds

Sum Aroclor-1016		0	0	N.D.	N.D.
Average Aroclor-1016				0.000	0.000

Sum Aroclor-1221		0	0	N.D.	N.D.
Average Aroclor-1221				0.000	0.000

Sum Aroclor-1232		0	0	N.D.	N.D.
Average Aroclor-1232				0.000	0.000

Sum Aroclor-1242		0	0	N.D.	N.D.
Average Aroclor-1242				0.000	0.000

Sum Aroclor-1248		0	0	N.D.	N.D.
Average Aroclor-1248				0.000	0.000

Sum Aroclor-1254		0	0	N.D.	N.D.
Average Aroclor-1254				0.000	0.000

33) L8 Aroclor-1260	8.24	7.89	4418.1E6	746.2E6	716.721	1110.514 #	
34) L8 Aroclor-1260	{2}	8.92	8.14	3356.8E6	950.4E6	1195.428	961.097
35) L8 Aroclor-1260	{3}	9.38	9.73	8824.7E6	1061.8E6	1331.743	1236.315
36) L8 Aroclor-1260	{4}	9.86	10.23	3719.1E6	2677.3E6	1080.122	1480.380 #
37) L8 Aroclor-1260	{5}	10.92	10.82	1957.7E6	1759.9E6	1399.836	1317.589
Sum Aroclor-1260				22276.4E6	7195.7E6	5723.850	6105.896
Average Aroclor-1260					1144.770	1221.179	

Sum Aroclor-1262		0	0	N.D.	N.D.
Average Aroclor-1262				0.000	0.000

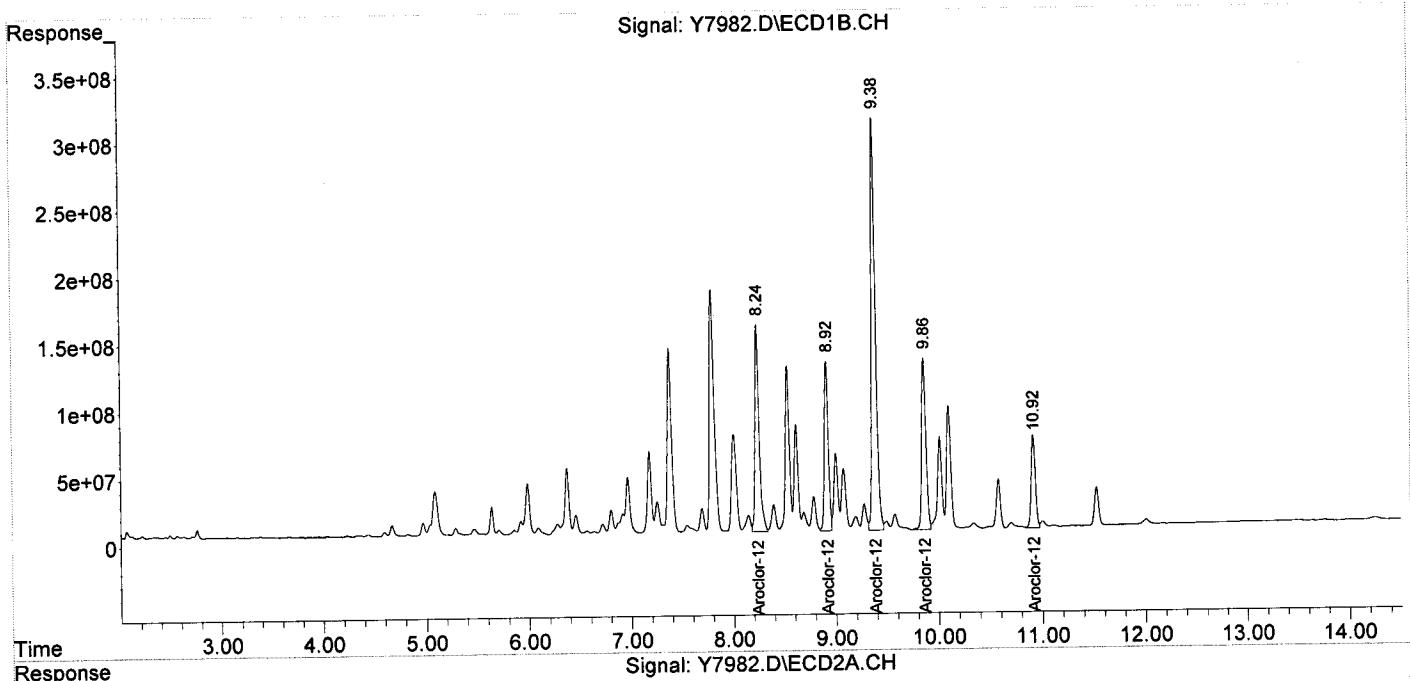
Sum Aroclor-1268		0	0	N.D.	N.D.
Average Aroclor-1268				0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-03-13\
Data File : Y7982.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 May 2013 21:31
Operator : NG
Sample : V-39E_(0-2,03698-032,S,5.13g,27.6,04/28/13,4
Misc : 130428-04,04/23/13,04/23/13,200
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 12:23:12 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
Quant Title :
QLast Update : Thu May 02 09:45:50 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-02-13\
 Data File : Y7921.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 03 May 2013 1:38
 Operator : NG
 Sample : V-39E_(4.0,03698-033,S,5.02g,81.9,04/28/13,4
 Misc : 130428-04,04/23/13,04/23/13,1
 ALS Vial : 40 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 07 11:55:27 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
 Quant Title :
 QLast Update : Thu May 02 09:45:50 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

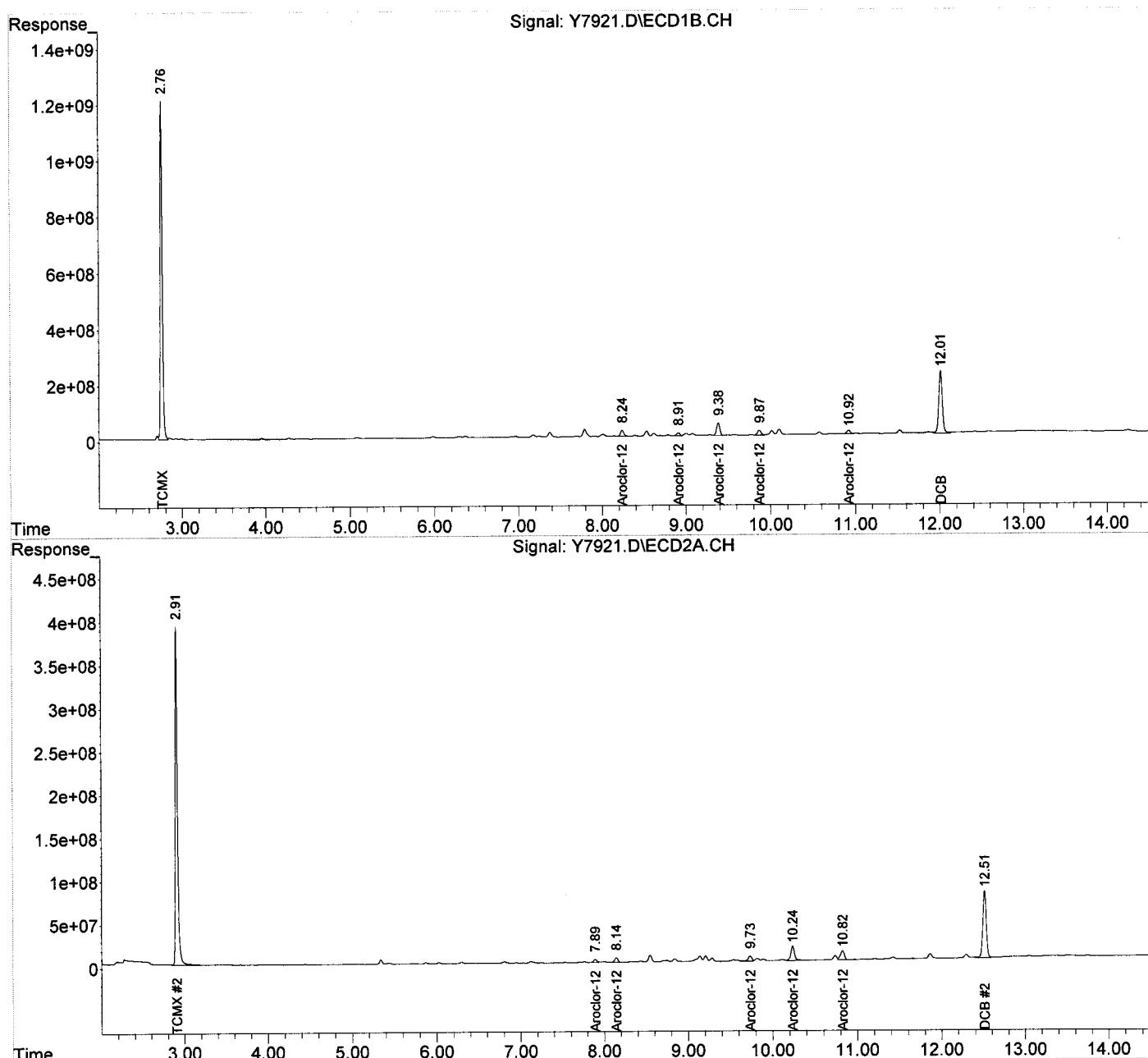
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.76	2.91	20624.5E6	7028.1E6	325.337	369.474
Spiked Amount	200.000			Recovery	= 162.67%	184.74%
2) S DCB	12.01	12.51	6607.0E6	2215.0E6	435.006	432.880
Spiked Amount	200.000			Recovery	= 217.50%	216.44%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.24	7.89	630.9E6	102.3E6	102.346	152.272 #
34) L8 Aroclor-1260	{2}	8.91	8.14	308.6E6	149.0E6	109.894
35) L8 Aroclor-1260	{3}	9.38	9.73	1241.2E6	187.1E6	187.305
36) L8 Aroclor-1260	{4}	9.87	10.24	525.9E6	500.8E6	152.739
37) L8 Aroclor-1260	{5}	10.92	10.82	370.5E6	345.7E6	264.909m
Sum Aroclor-1260				3077.0E6	1284.9E6	817.193
Average Aroclor-1260					1056.533	163.439
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-02-13\
Data File : Y7921.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 May 2013 1:38
Operator : NG
Sample : V-39E_(4.0,03698-033,S,5.02g,81.9,04/28/13,4
Misc : 130428-04,04/23/13,04/23/13,1
ALS Vial : 40 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 11:55:27 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
Quant Title :
QLast Update : Thu May 02 09:45:50 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-01-13\
 Data File : R9456.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 02 May 2013 4:31
 Operator : JS
 Sample : FB-75,03698-034,A,1000ml,100,04/30/13,1
 Misc : 130430-13,04/23/13,04/23/13,1
 ALS Vial : 31 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 02 14:53:31 2013
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
 Quant Title :
 QLast Update : Fri Apr 26 12:31:09 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.76	2.61	1734.2E6	1894.3E6	128.633	125.095
Spiked Amount	200.000				Recovery =	64.32%
2) S DCB	12.10	12.03	532.5E6	552.0E6	174.939	159.683
Spiked Amount	200.000				Recovery =	87.47%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

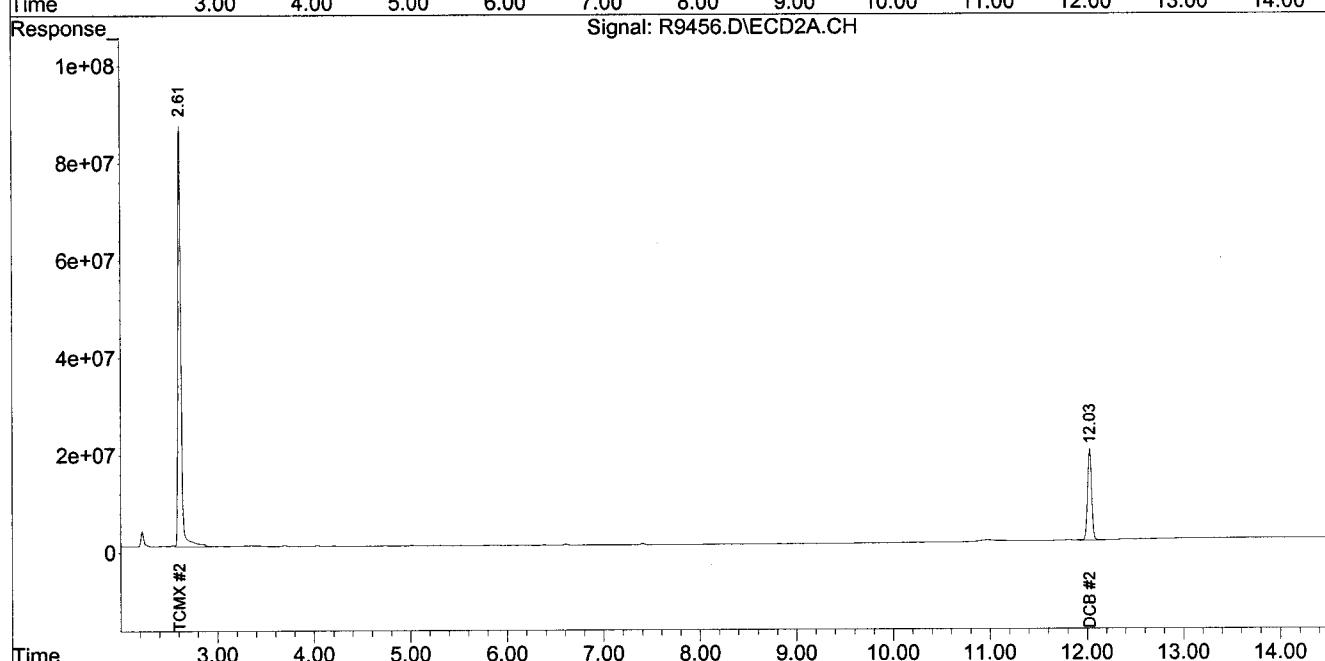
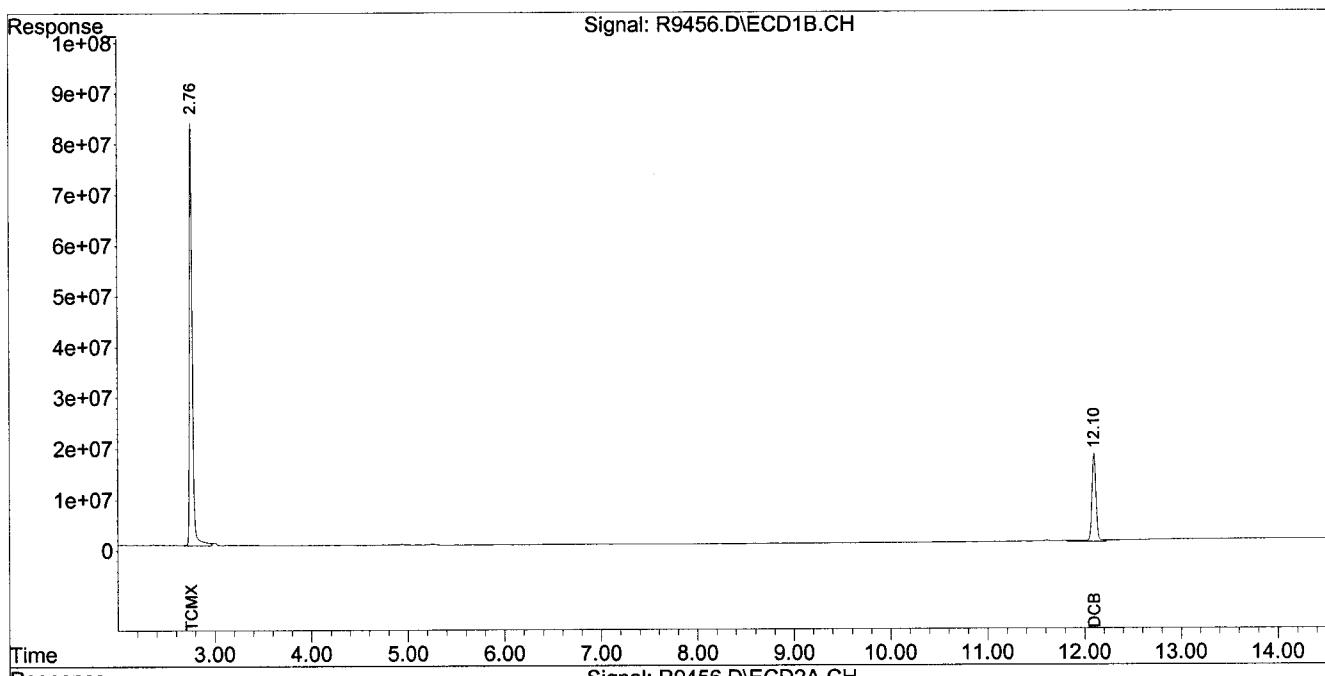
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-01-13\
Data File : R9456.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 02 May 2013 4:31
Operator : JS
Sample : FB-75,03698-034,A,1000ml,100,04/30/13,1
Misc : 130430-13,04/23/13,04/23/13,1
ALS Vial : 31 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 02 14:53:31 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Fri Apr 26 12:31:09 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: BLKA130425-08

Client ID: PCB

Date Received: NA

Date Extracted: 04/25/2013

Date Analyzed: 04/26/2013

Data file: Y7569.D

GC Column: DB-5/DB1701P
Sample wt/vol: 1000ml
Matrix-Units: Aqueous- μ g/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.050	0.020
Aroclor-1221	ND		0.050	0.020
Aroclor-1232	ND		0.050	0.020
Aroclor-1242	ND		0.050	0.020
Aroclor-1248	ND		0.050	0.020
Aroclor-1254	ND		0.050	0.020
Aroclor-1260	ND		0.050	0.020
Aroclor-1262	ND		0.050	0.020
Aroclor-1268	ND		0.050	0.020
PCBs	ND		0.050	0.020

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: BLKA130430-13

Client ID: PCB

Date Received: NA

Date Extracted: 04/30/2013

Date Analyzed: 05/02/2013

Data file: R9451.D

GC Column: DB-5/DB1701P

Sample wt/vol: 1000ml

Matrix-Units: Aqueous- μ g/L (ppb)

Dilution Factor: 1

% Moisture: 100

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.050	0.020
Aroclor-1221	ND		0.050	0.020
Aroclor-1232	ND		0.050	0.020
Aroclor-1242	ND		0.050	0.020
Aroclor-1248	ND		0.050	0.020
Aroclor-1254	ND		0.050	0.020
Aroclor-1260	ND		0.050	0.020
Aroclor-1262	ND		0.050	0.020
Aroclor-1268	ND		0.050	0.020
PCBs	ND		0.050	0.020

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-01-13\
 Data File : R9451.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 02 May 2013 3:04
 Operator : JS
 Sample : PCB,BLKA130430-13,A,1000ml,100,04/30/13,1
 Misc : NA,NA,NA,1
 ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 02 14:51:32 2013
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
 Quant Title :
 QLast Update : Fri Apr 26 12:31:09 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

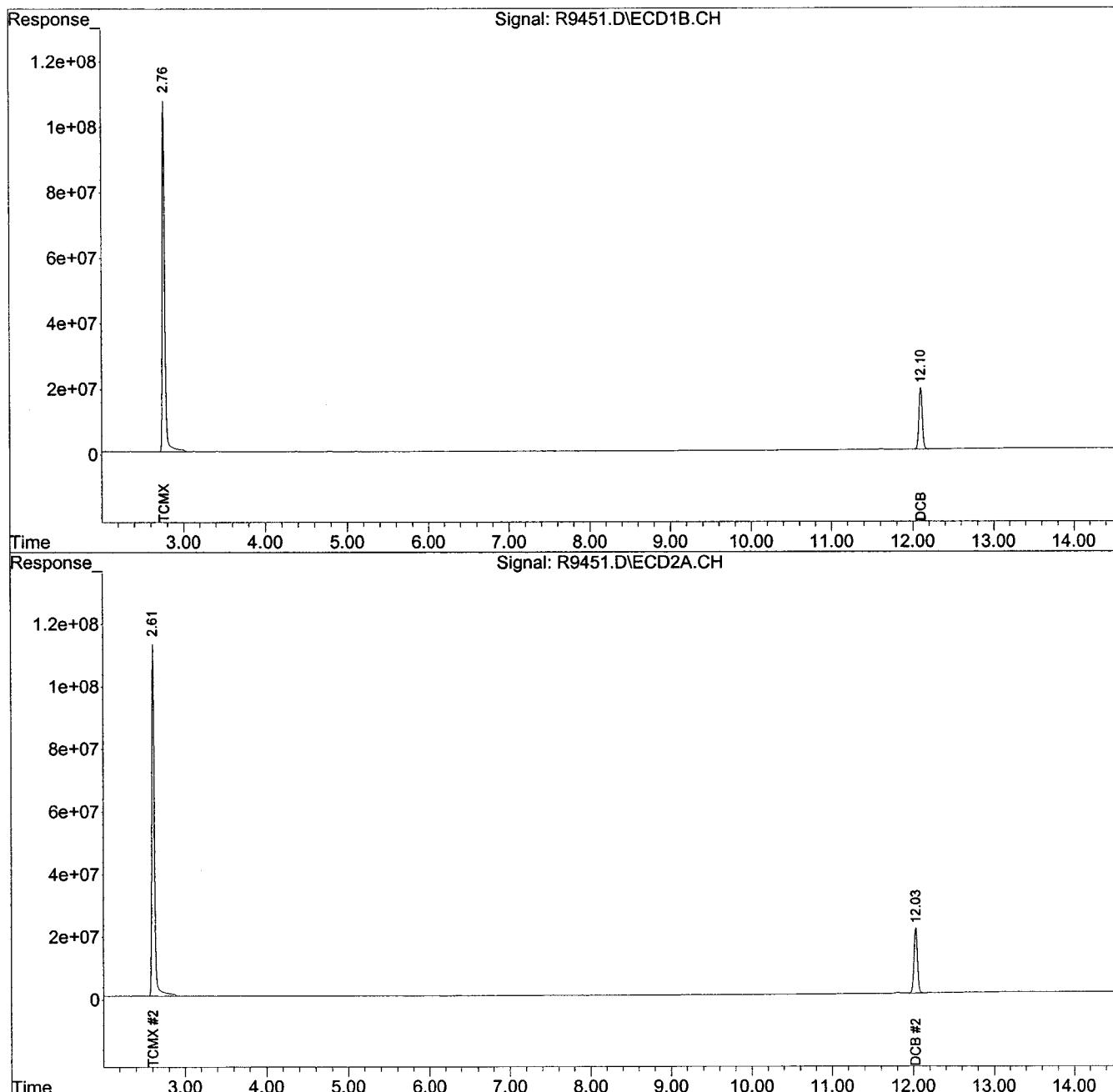
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.76	2.61	2269.7E6	2455.9E6	168.357	162.183
Spiked Amount	200.000			Recovery	=	84.18% 81.09%
2) S DCB	12.10	12.03	550.3E6	617.8E6	180.814	178.702
Spiked Amount	200.000			Recovery	=	90.41% 89.35%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-01-13\
Data File : R9451.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 02 May 2013 3:04
Operator : JS
Sample : PCB, BLKA130430-13,A,1000ml,100,04/30/13,1
Misc : NA,NA,NA,1
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 02 14:51:32 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Fri Apr 26 12:31:09 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: BLKS130428-03

Client ID: PCB

Date Received: NA

Date Extracted: 04/28/2013

Date Analyzed: 05/02/2013

Data file: Y7890.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.00g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 1

% Moisture: NA

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.040	0.016
Aroclor-1221	ND		0.040	0.016
Aroclor-1232	ND		0.040	0.016
Aroclor-1242	ND		0.040	0.016
Aroclor-1248	ND		0.040	0.016
Aroclor-1254	ND		0.040	0.016
Aroclor-1260	ND		0.040	0.016
Aroclor-1262	ND		0.040	0.016
Aroclor-1268	ND		0.040	0.016
PCBs	ND		0.040	0.016

Data Path : C:\MSDCHEM\1\DATA\05-02-13\
 Data File : Y7890.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 02 May 2013 15:46
 Operator : NG
 Sample : PCB, BLKS130428-03, S, 5.00g, 0, 04/28/13, 4
 Misc : NA, NA, NA, 1
 ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 06 12:29:56 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
 Quant Title :
 QLast Update : Thu May 02 09:45:50 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

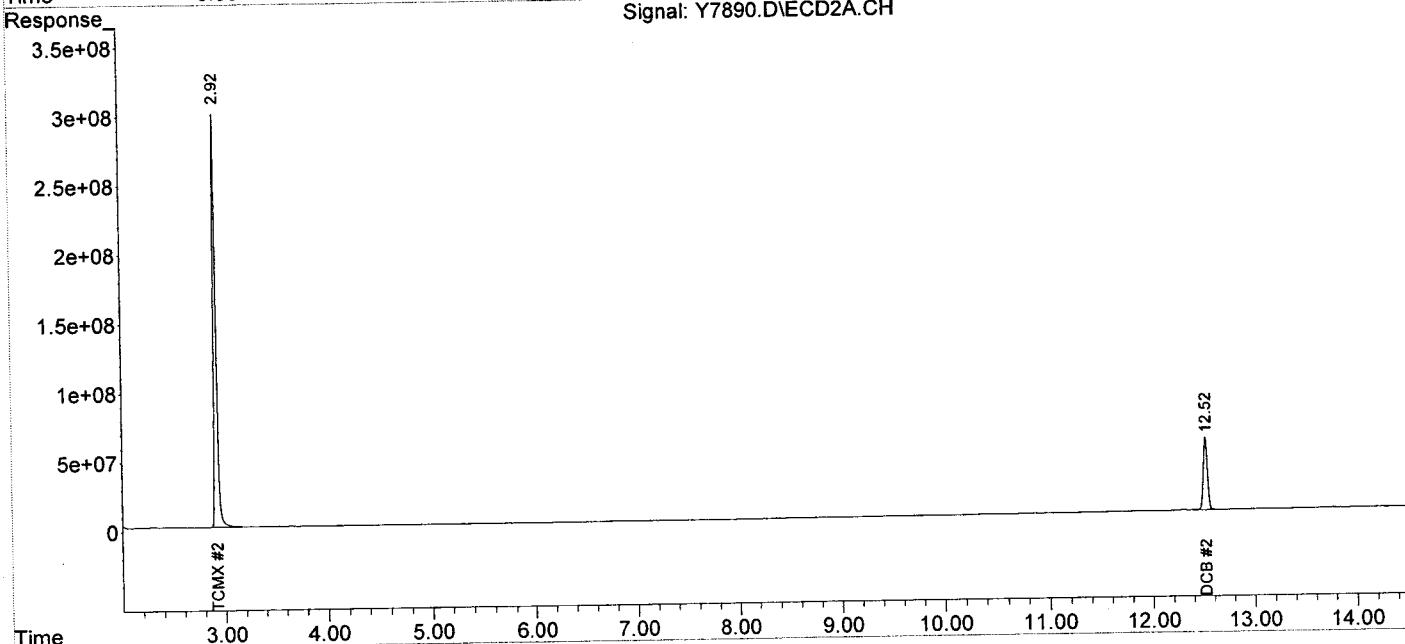
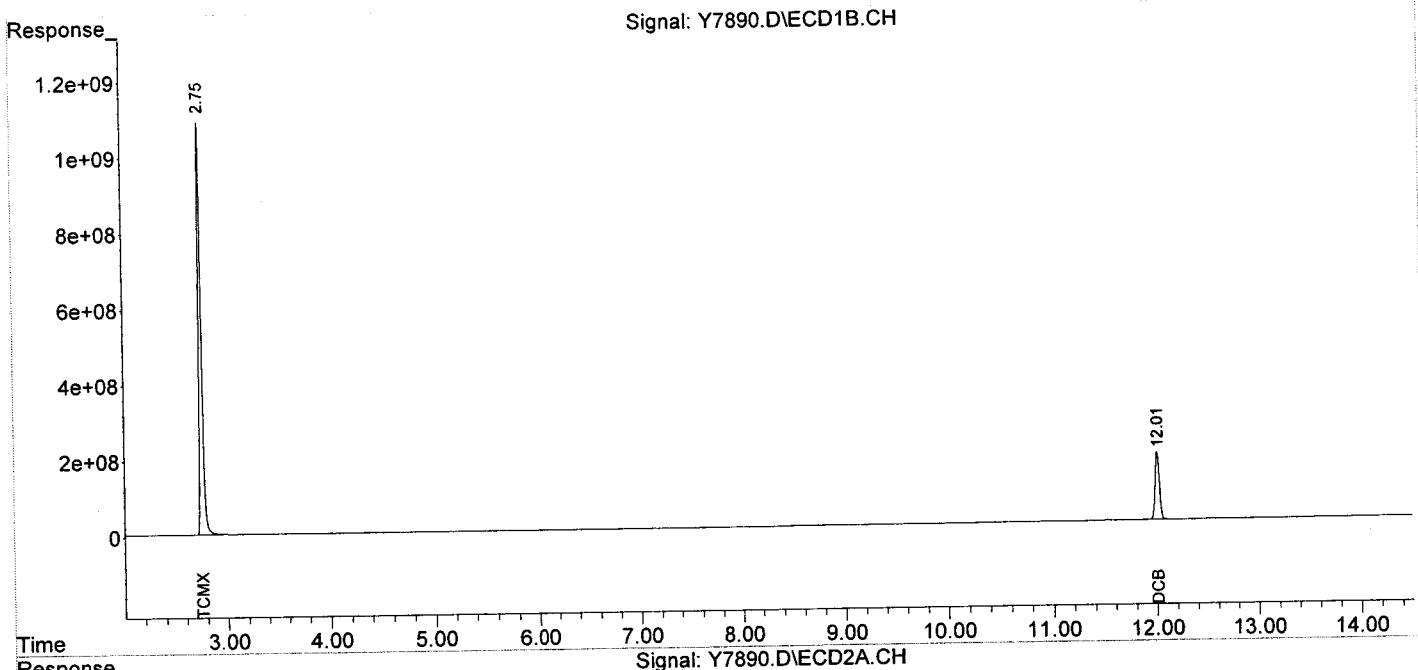
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.75	2.92	20919.8E6	5610.3E6	329.994	294.939
Spiked Amount	200.000		Recovery	=	165.00%	147.47%
2) S DCB	12.01	12.52	5179.7E6	1511.5E6	341.029	295.396
Spiked Amount	200.000		Recovery	=	170.51%	147.70%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-02-13\
Data File : Y7890.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 02 May 2013 15:46
Operator : NG
Sample : PCB, BLKS130428-03, S, 5.00g, 0, 04/28/13, 4
Misc : NA, NA, NA, 1
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 06 12:29:56 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
Quant Title :
QLast Update : Thu May 02 09:45:50 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: BLKS130428-02

Client ID: PCB

Date Received: NA

Date Extracted: 04/28/2013

Date Analyzed: 05/02/2013

Data file: Y7852.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.00g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 1

% Moisture: NA

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.040	0.016
Aroclor-1221	ND		0.040	0.016
Aroclor-1232	ND		0.040	0.016
Aroclor-1242	ND		0.040	0.016
Aroclor-1248	ND		0.040	0.016
Aroclor-1254	ND		0.040	0.016
Aroclor-1260	ND		0.040	0.016
Aroclor-1262	ND		0.040	0.016
Aroclor-1268	ND		0.040	0.016
PCBs	ND		0.040	0.016

Data Path : C:\MSDCHEM\1\DATA\05-01-13\
 Data File : Y7852.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 02 May 2013 1:17
 Operator : NG
 Sample : PCB,BLKS130428-02,S,5.00g,0,04/28/13,4
 Misc : NA,NA,NA,1
 ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 03 11:13:35 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
 Quant Title :
 QLast Update : Thu May 02 09:45:50 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.76	2.91	19957.2E6	5654.9E6	314.811	297.285
Spiked Amount	200.000			Recovery	= 157.41%	148.64%
2) S DCB	12.01	12.51	5861.0E6	1626.7E6	385.888	317.917
Spiked Amount	200.000			Recovery	= 192.94%	158.96%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

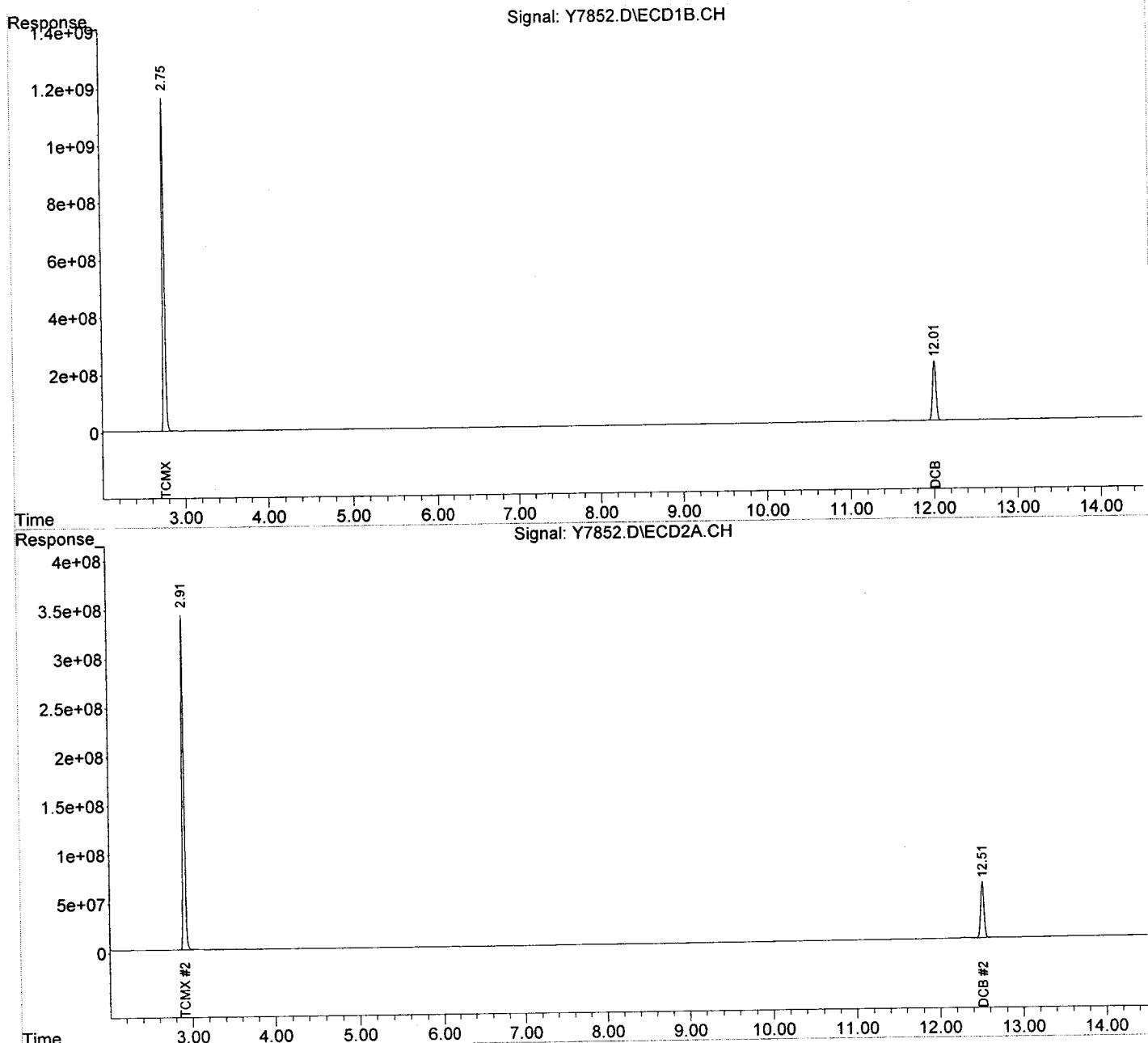
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-01-13\
Data File : Y7852.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 02 May 2013 1:17
Operator : NG
Sample : PCB, BLKS130428-02, S, 5.00g, 0, 04/28/13, 4
Misc : NA, NA, NA, 1
ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 03 11:13:35 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
Quant Title :
QLast Update : Thu May 02 09:45:50 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: BLKS130428-04

Client ID: PCB

Date Received: NA

Date Extracted: 04/28/2013

Date Analyzed: 05/03/2013

Data file: Y7916.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.00g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 1

% Moisture: NA

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.040	0.016
Aroclor-1221	ND		0.040	0.016
Aroclor-1232	ND		0.040	0.016
Aroclor-1242	ND		0.040	0.016
Aroclor-1248	ND		0.040	0.016
Aroclor-1254	ND		0.040	0.016
Aroclor-1260	ND		0.040	0.016
Aroclor-1262	ND		0.040	0.016
Aroclor-1268	ND		0.040	0.016
PCBs	ND		0.040	0.016

Data Path : C:\MSDCHEM\1\DATA\05-02-13\
 Data File : Y7916.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 03 May 2013 00:12
 Operator : NG
 Sample : PCB, BLKS130428-04, S, 5.00g, 0, 04/28/13, 4
 Misc : NA,NA,NA,1
 ALS Vial : 35 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 07 11:48:05 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
 Quant Title :
 QLast Update : Thu May 02 09:45:50 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.76	2.91	20438.3E6	5427.2E6	322.399	285.316
Spiked Amount	200.000			Recovery	= 161.20%	142.66%
2) S DCB	12.01	12.51	5348.8E6	1666.2E6	352.166	325.624
Spiked Amount	200.000			Recovery	= 176.08%	162.81%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

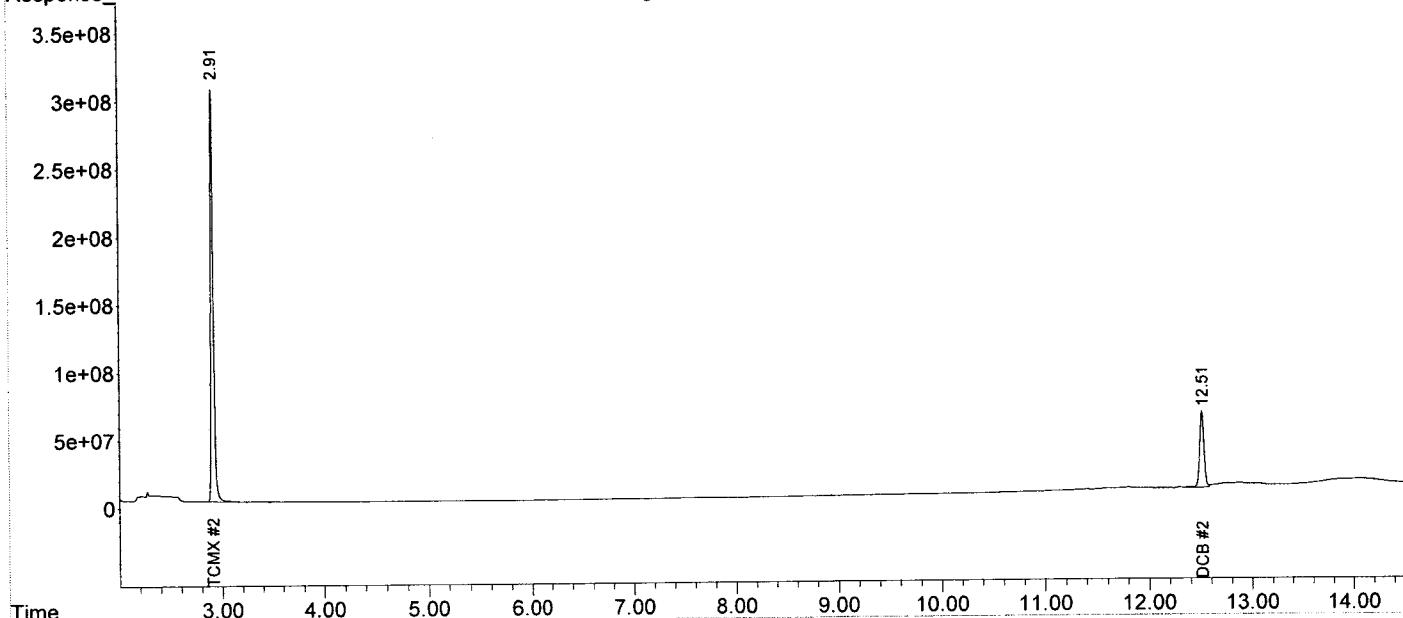
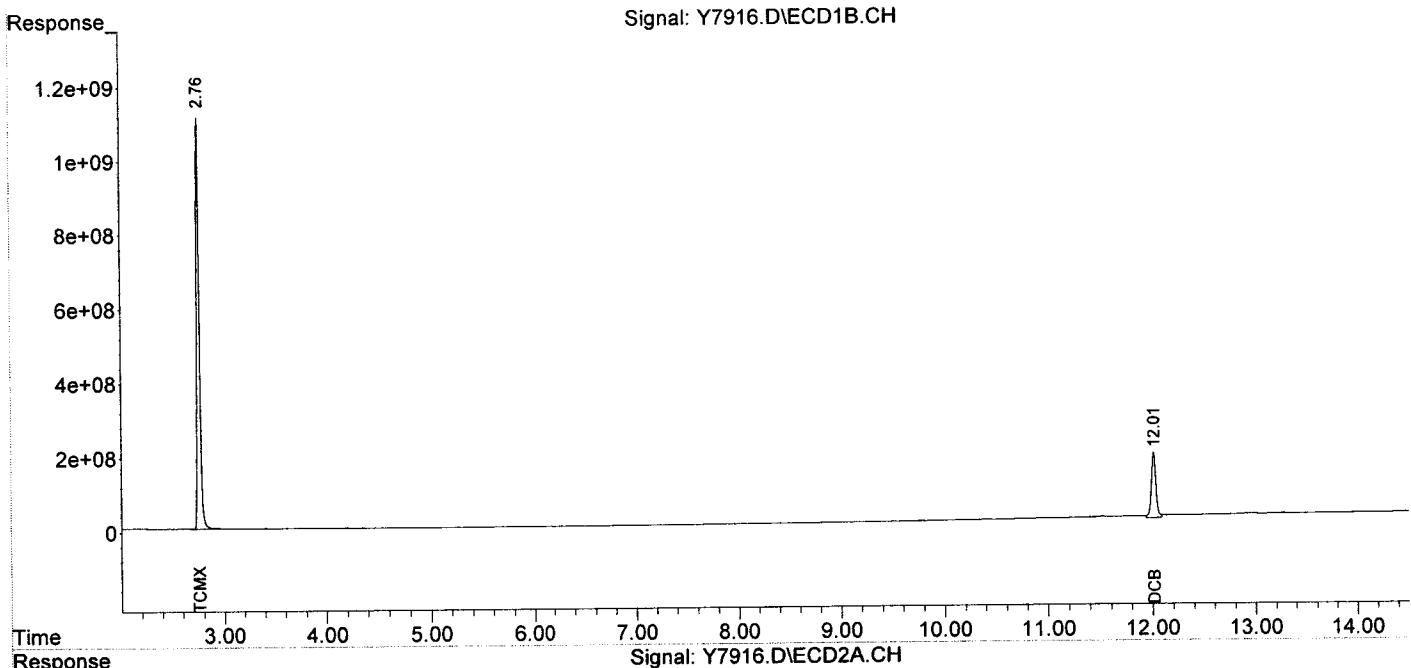
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-02-13\
Data File : Y7916.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 May 2013 00:12
Operator : NG
Sample : PCB,BLKS130428-04,S,5.00g,0,04/28/13,4
Misc : NA,NA,NA,1
ALS Vial : 35 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 11:48:05 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0501.M
Quant Title :
QLast Update : Thu May 02 09:45:50 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



SAMPLE TRACKING



Integrated Analytical Labs
273 Franklin Rd
Randolph, NJ 07869

Contact Us: 973 361-4252
fax: 973 989-5288
Web: www.ialonline.com

CUSTOMER INFO		REPORTING INFO		Turnaround Time (starts the following day if samples rec'd at lab > 5PM)															
Company: JMC Environmental Consultants, Inc.	REPORT TO:	James Clabby		*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE															
Address: 2109 Bridge Ave., Bldg. B	Address:	same																	
Point Pleasant, NJ 07842																			
Telephone #: (732) 295-2144	Attn:																		
Fax #: (732) 295-2150	FAX # (732) 295-2150																		
Project Manager: James Clabby	INVOICE TO:	Aceto Corp.																	
EMAIL Address: jclabby@jmccenvironmental.com	Address:	4 Tri Harbor Court																	
Sampler: Steve Kosch, Chris Cho	Port Washington, NY 11050																		
Project Name: Arsynco	(with copy to: JMC Environmental (attn.: J. Clabby))																		
Project Location (State): NJ	Attn: Ed Kelly																		
Bottle Order #:	PO # 22126																		
Quote # : SR041205	Sample Matrix																		
DW - Drinking Water AQ - Aqueous WW - Waste Water																			
OI - Oil LIQ - Liquid (Specify) OT - Other (Specify)																			
S - Soil SL - Sludge SOL - Solid W - Wipe																			
Client ID	Depth (ft only)	Sampling		Matrix	# container s	IAL #	ANALYTICAL PARAMETERS										# BOTTLES & PRESERVATIVES		
		Date	Time														HCl	HNO3	MeOH
X-38 N (0-2.0)		4/23/13	8:55	S	1	1	x												
X-38 N (2.0-4.0)			8:56	S	1	2	x												
X-38 N (4.0-6.0)			8:57	S	1	3	x												
X-38 S (0-2.0)			9:15	S	1	4	x												
X-40 S (4.0-6.0)			9:37	S	1	5	x												
X-41 S (0-2.0)			9:52	S	1	6	x												
X-41 S (2.0-4.0)			9:57	S	1	7	x												
X-41 S (4.0-6.0)	↓		9:58	S	1	8	x												
Known Hazard: Yes or No	Describe:	Conc. Expected:	Low	Med	High	MDL Req: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)													

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one): IAL Courier Client Courier FedEx/UPS

Signature/Company	Date	Time	Signature/Company	Date	Time
Relinquished by:	4/23/13	15:35	Received by:	4/23/13	15:35
Relinquished by:	4/23/13	16:50	Received by:	4/23/13	16:50
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case #

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PAGE: 1 of 5

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fax: 973 989-5288
Web: www.ialonline.com

CUSTOMER INFO		REPORTING INFO		Turnaround Time (starts the following day if samples rec'd at lab > 5PM)																	
Company: JMC Environmental Consultants, Inc.	REPORT TO:	James Clabby		*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE																	
Address: 2109 Bridge Ave., Bldg. B	Address:	same																			
Point Pleasant, NJ 08742																					
Telephone #: (732) 295-2144	Attn:																				
Fax #: (732) 295-2150	FAX # (732) 295-2150																				
Project Manager: James Clabby	INVOICE TO:	Aceto Corp.																			
EMAIL Address: jclabby@jmceenvironmental.com	Address:	4 Tri Harbor Court																			
Sampler: Steve Kosch, Chris Cho	Port Washington, NY 11050																				
Project Name: Arsynco	(with copy to: JMC Environmental (attn.: J. Clabby))																				
Project Location (State): NJ	Attn: Ed Kelly																				
Bottle Order #:	PO # 22126																				
Quote #: SR041205	Sample Matrix																				
DW - Drinking Water AQ - Aqueous WW - Waste Water																					
OI - Oil LIQ - Liquid (Specify) OT - Other (Specify)																					
S - Soil SL - Sludge SOL - Solid W - Wipe																					
SAMPLE INFORMATION		ANALYTICAL PARAMETERS										# BOTTLES & PRESERVATIVES									
Client ID	Depth (ft only)	Sampling	Date	Time	Matrix	# container s	IAL #	TCL PCB (8092)								HCl	HNO3	MeOH	H2SO4	NaOH/NaAc	Sterile
X-41 w (0-2.0)		4/23/13	10:15		S	1	9	x													
X-40W (0-2.0)		10:30			S	1	10	x													
X-40W (4.0-6.0)		10:31			S	1	11	x													
X-40W (6.0-8.0)		10:32			S	1	12	x													
W-37 E (2.0-4.0)		11:20			S	1	13	x													
W-37 E (4.0-6.0)		11:21			S	1	14	x													
W-36 S (4.0-6.0)		11:45			S	1	15	x													
W-38 (0-2.0)		12:08			S	1	16	x													
Known Hazard: Yes or No		Describe:	Conc. Expected:	Low Med High	MDL Req: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)																

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one): IAL Courier Client Courier FedEx/UPS

Signature/Company	Date	Time	Signature/Company	Date	Time
Relinquished by: <i>SKC</i>	4/23/13	15:35	Received by: <i>TPAC</i>	4/23/13	15:35
Relinquished by: <i>SKC</i>	4/23/13	16:50	Received by: <i>TPAC</i>	4/23/13	16:50
Relinquished by: <i>SKC</i>			Received by: <i>TPAC</i>		
Relinquished by: <i>SKC</i>			Received by: <i>TPAC</i>		
Relinquished by: <i>SKC</i>			Received by: <i>TPAC</i>		

Comments:

Lab Case # **03698**

PAGE: **2** of **5**

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CUSTOMER INFO		REPORTING INFO		Turnaround Time (starts the following day if samples rec'd at lab > 5PM)														
Company: JMC Environmental Consultants, Inc.	REPORT TO:	James Clabby		*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE														
Address: 2109 Bridge Ave., Bldg. B	Address:	same																
Point Pleasant, NJ 08742																		
Telephone #: (732) 295-2144	Attn:																	
Fax #: (732) 295-2150	FAX #	(732) 295-2150																
Project Manager: James Clabby	INVOICE TO:	Aceto Corp.																
EMAIL Address: jclabby@jmceenvironmental.com	Address:	4 Tri Harbor Court																
Sampler: Steve Kosch, Chris Cho	Port Washington, NY 11050																	
Project Name: Arsynco	(with copy to: JMC Environmental (attn: J. Clabby))																	
Project Location (State): NJ	Attn: Ed Kelly																	
Bottle Order #:	PO # 22126																	
Quote #: SR041205																		
SAMPLE INFORMATION		Sample Matrix				ANALYTICAL PARAMETERS												
		DW - Drinking Water	AQ - Aqueous	WW - Waste Water	Oil - Oil	Liq - Liquid (Specify)	OT - Other (Specify)	S - Soil	SL - Sludge	SOL - Solid	W - Wipe	HCL	HN03	NaOH	H2SO4	NaOHNH4	Scrlt	
Client ID	Depth (ft only)	Sampling	Date	Time	Matrix	# container s	IAL #	TCL PCB (8092)										
W-38N (40-60)		4/23/13	12:09	5	1	17	x											
W-38S (6-20)			1:00	5	1	18	x											
W-40N (0-20)			1:30	5	1	19	x											
W-40N (40-60)			1:31	5	1	20	x											
W-40 N (60-80)			1:32	5	1	21	x											
W-40 S (60-80)			1:55	5	1	22	x											
W-41S (0-20)			2:15	5	1	23	x											
W-41S (20-40)		▼	2:16	5	1	24	x											
Known Hazard: Yes or No		Describe:	Conc. Expected:	Low	Med	High	MDL Req: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)											

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one): IAL Courier Client Courier FedEx/UPS

Signature/Company	Date	Time	Signature/Company	Date	Time
Relinquished by: <i>SKC</i>	4/23/13	15:35	Received by: <i>IAL</i>	4/23/13	15:35
Relinquished by: <i>SKC</i>	4/23/13	16:50	Received by: <i>IAL</i>	4/23/13	16:50
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case #
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CUSTOMER INFO		REPORTING INFO		Turnaround Time (starts the following day if samples rec'd at lab > 5PM)																					
Company: JMC Environmental Consultants, Inc.	REPORT TO:	James Clabby		*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE																					
Address: 2109 Bridge Ave., Bldg. B	Address:	same																							
Point Pleasant, NJ 07842																									
Telephone #: (732) 295-2144	Attn:																								
Fax #: (732) 295-2150	FAX # (732) 295-2150																								
Project Manager: James Clabby	INVOICE TO:	Aceto Corp.																							
EMAIL Address: jclabby@jmccenvironmental.com	Address: 4 Tri Harbor Court																								
Sampler: Steve Kosch, Chris Cho	Port Washington, NY 11050																								
Project Name: Arsynco	(with copy to: JMC Environmental (attn.: J. Clabby))																								
Project Location (State): NJ	Attn: Ed Kelly																								
Bottle Order #:	PO # 22126																								
Quote # : SR041205	Sample Matrix																								
DW - Drinking Water AQ - Aqueous WW - Waste Water OI - Oil LIQ - Liquid (Specify) OT - Other (Specify) S - Soil SL - Sludge SOL - Solid W - Wipe																									
SAMPLE INFORMATION		ANALYTICAL PARAMETERS												# BOTTLES & PRESERVATIVES											
Client ID	Depth (ft only)	Sampling		Matrix	# container s	IAL #	TCL PCB (8082)													HCL	HNO3	MeOH	H2SO4	NAOHZ/NaAc	Sterile
		Date	Time																						
W-41S (4.0-6.0)		4/23/13	2:17	S	1	25	x																		
W-41W (0-2.0)			2:38	S	1	26	x																		
W-41W (4.0-6.0)			2:39	S	1	27	x																		
W-40W (0-2.0)			3:01	S	1	28	x																		
W-40W (2.0-4.0)			3:02	S	1	29	x																		
W-40W (4.0-6.0)			3:03	S	1	30	x																		
W-40W (6.0-8.0)			3:04	S	1	31	x																		
V-39E (0-2.0)			3:26	S	1	32	x																		
Known Hazard: Yes or No		Describe:		Conc. Expected:		Low	Med	High	MDL Req: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)																

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one): IAL Courier Client Courier FedEx/UPS

Signature/Company	Date	Time	Signature/Company	Date	Time
Relinquished by: <i>SKC</i>	4/23/13	15:38	Received by: <i>JK</i>	4/23/13	15:55
Relinquished by: <i>JK</i>	4/23/13	16:50	Received by: <i>JK</i>	4/23/13	16:50
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case #

03698

PAGE: 5 of 5

LAB COPIES - WHITE & YELLOW; CLIENT COPY - PINK

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0201



Integrated Analytical Labs
273 Franklin Rd
Randolph, NJ 07869

Contact Us: 973 361-4252
fax: 973 989-5288
Web: www.ialonline.com

CUSTOMER INFO		REPORTING INFO		Turnaround Time (starts the following day if samples rec'd at lab > 5PM)																				
Company: JMC Environmental Consultants, Inc.	REPORT TO:	James Clabby		*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE																				
Address: 2109 Bridge Ave., Bldg. B	Address:	same																						
Point Pleasant, NJ 08742																								
Telephone #: (732) 295-2144		Attn:																						
Fax #: (732) 295-2150		FAX # (732) 295-2150																						
Project Manager: James Clabby		INVOICE TO:	Aceto Corp.																					
EMAIL Address: jclabby@jmceenvironmental.com		Address: 4 Tri Harbor Court																						
Sampler: Steve Kosch, Chris Cho		Port Washington, NY 11050																						
Project Name: Arsynco		(with copy to: JMC Environmental (attn: J. Clabby))																						
Project Location (State): NJ		Attn: Ed Kelly																						
Bottle Order #:		PO # 22126																						
Quote #: SR041205		Sample Matrix																						
DW - Drinking Water		AQ - Aqueous		WW - Waste Water																				
OI - Oil		LIQ - Liquid (Specify)		OT - Other (Specify)																				
S - Soil		SL - Sludge		SOL - Solid		W - Wipe																		
SAMPLE INFORMATION		Sampling		ANALYTICAL PARAMETERS										# BOTTLES & PRESERVATIVES										
Client ID	Depth (ft only)	Date	Time	Matrix	# container s	IAL #	TCL PCB (8032)												HCl	HNO3	MeOH	H2SO4	NAOH/ZnAc	Sterile
V-39E (40-60)		4/23/13	3:27	S	1	33	x																	
FB-75		4/23/13	3:37	AQ	2	34	x																	
							x																	
							x																	
							x																	
							x																	
							x																	
Known Hazard: Yes or No		Describe:		Conc. Expected:		Low	Med	High	MDL Req: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)															

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one): IAL Courier Client Courier FedEx/UPS

Signature/Company	Date	Time	Signature/Company	Date	Time
Relinquished by: <i>SKC</i>	4/23/13	15:35	Received by: <i>W. Kosch</i>	4/23/13	15:35
Relinquished by: <i>W. Kosch</i>	4/23/13	16:50	Received by: <i>W. Kosch</i>	4/23/13	16:50
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

LAB COPIES - WHITE & YELLOW; CLIENT COPY - PINK

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Comments:

Lab Case #
03698

PAGE: 5 of 5

PROJECT INFORMATION

E13-03698

Case No. E13-03698

Project ARSYNCO

Customer	JMC Environmental Consultants	P.O. #	22126
Contact	Jim Clabby	Received	4/23/2013 16:50
EMail	jclabby@jmcevironmental.com;	Verbal Due	5/7/2013
Phone	ahallgreen@jmcevironmental.co (732) 295-9144 tadams@jmcevironmental.com ebsch@jmcevironmental.com	Fax	(732) 295-2150
Report To		Report Due	5/14/2013
2109 Bridge Avenue		Bill To	
Building B		Aceto Corp.	
Point Pleasant, NJ 08742		4 Tri Harbor Court	
Attn: Jim Clabby		Port Washington, NY 11050	
		Attn: Mr. Ed Kelly	
Report Format Reduced			
Additional Info	<input type="checkbox"/> State Form	<input type="checkbox"/> Field Sampling	<input type="checkbox"/> Conditional

Lab ID	Client Sample ID	Depth Top / Bottom	Sampling Time	Matrix	Unit	# of Containers
03698-001	X-38N (0-2.0)	0 / 2	4/23/2013 @08:55	Soil	mg/Kg	1
03698-002	X-38N (2.0-4.0)	2 / 4	4/23/2013 @08:56	Soil	mg/Kg	1
03698-003	X-38N (4.0-6.0)	4 / 6	4/23/2013 @08:57	Soil	mg/Kg	1
03698-004	X-38S (0-2.0)	0 / 2	4/23/2013 @09:15	Soil	mg/Kg	1
03698-005	X-40S (4.0-6.0)	4 / 6	4/23/2013 @09:37	Soil	mg/Kg	1
03698-006	X-41S (0-2.0)	0 / 2	4/23/2013 @09:56	Soil	mg/Kg	1
03698-007	X-41S (2.0-4.0)	2 / 4	4/23/2013 @09:57	Soil	mg/Kg	1
03698-008	X-41S (4.0-6.0)	4 / 6	4/23/2013 @09:58	Soil	mg/Kg	1
03698-009	X-41W (0-2.0)	0 / 2	4/23/2013 @10:15	Soil	mg/Kg	1
03698-010	X-40W (0-2.0)	0 / 2	4/23/2013 @10:30	Soil	mg/Kg	1
03698-011	X-40W (4.0-6.0)	4 / 6	4/23/2013 @10:31	Soil	mg/Kg	1
03698-012	X-40W (6.0-8.0)	6 / 8	4/23/2013 @10:32	Soil	mg/Kg	1
03698-013	W-37E (2.0-4.0)	2 / 4	4/23/2013 @11:20	Soil	mg/Kg	1
03698-014	W-37E (4.0-6.0)	4 / 6	4/23/2013 @11:21	Soil	mg/Kg	1
03698-015	W-36S (4.0-6.0)	4 / 6	4/23/2013 @11:45	Soil	mg/Kg	1
03698-016	W-38N (0-2.0)	0 / 2	4/23/2013 @12:08	Soil	mg/Kg	1
03698-017	W-38N (4.0-6.0)	4 / 6	4/23/2013 @12:09	Soil	mg/Kg	1
03698-018	W-38S (0-2.0)	0 / 2	4/23/2013 @13:00	Soil	mg/Kg	1
03698-019	W-40N (0-2.0)	0 / 2	4/23/2013 @13:30	Soil	mg/Kg	1
03698-020	W-40N (4.0-6.0)	4 / 6	4/23/2013 @13:31	Soil	mg/Kg	1
03698-021	W-40N (6.0-8.0)	6 / 8	4/23/2013 @13:32	Soil	mg/Kg	1
03698-022	W-40S (6.0-8.0)	6 / 8	4/23/2013 @13:55	Soil	mg/Kg	1
03698-023	W-41S (0-2.0)	0 / 2	4/23/2013 @14:15	Soil	mg/Kg	1
03698-024	W-41S (2.0-4.0)	2 / 4	4/23/2013 @14:16	Soil	mg/Kg	1
03698-025	W-41S (4.0-6.0)	4 / 6	4/23/2013 @14:17	Soil	mg/Kg	1
03698-026	W-41W (0-2.0)	0 / 2	4/23/2013 @14:38	Soil	mg/Kg	1
03698-027	W-41W (4.0-6.0)	4 / 6	4/23/2013 @14:39	Soil	mg/Kg	1
03698-028	W-40W (0-2.0)	0 / 2	4/23/2013 @15:01	Soil	mg/Kg	1
03698-029	W-40W (2.0-4.0)	2 / 4	4/23/2013 @15:02	Soil	mg/Kg	1

PROJECT INFORMATION

E13-03698

Case No. E13-03698

Project ARSYNCO

<u>Lab ID</u>	<u>Client Sample ID</u>	<u>Depth Top / Bottom</u>	<u>Sampling Time</u>	<u>Matrix</u>	<u>Unit</u>	<u># of Containers</u>
03698-030	W-40W (4.0-6.0)	4 / 6	4/23/2013@15:03	Soil	mg/Kg	1
03698-031	W-40W (6.0-8.0)	6 / 8	4/23/2013@15:04	Soil	mg/Kg	1
03698-032	V-39E (0-2.0)	0 / 2	4/23/2013@15:26	Soil	mg/Kg	1
03698-033	V-39E (4.0-6.0)	4 / 6	4/23/2013@15:27	Soil	mg/Kg	1
03698-034	FB-75	n/a	4/23/2013@15:33	Aqueous	mg/L	2

<u>Sample #</u>	<u>Tests</u>	<u>Status</u>	<u>QA Method</u>
001	TCL PCB	Run	8082
002	TCL PCB	Run	8082
003	TCL PCB	Run	8082
004	TCL PCB	Run	8082
005	TCL PCB	Run	8082
006	TCL PCB	Run	8082
007	TCL PCB	Run	8082
008	TCL PCB	Run	8082
009	TCL PCB	Run	8082
010	TCL PCB	Run	8082
011	TCL PCB	Run	8082
012	TCL PCB	Run	8082
013	TCL PCB	Run	8082
014	TCL PCB	Run	8082
015	TCL PCB	Run	8082
016	TCL PCB	Run	8082
017	TCL PCB	Run	8082
018	TCL PCB	Run	8082
019	TCL PCB	Run	8082
020	TCL PCB	Run	8082
021	TCL PCB	Run	8082
022	TCL PCB	Run	8082
023	TCL PCB	Run	8082
024	TCL PCB	Run	8082
025	TCL PCB	Run	8082
026	TCL PCB	Run	8082
027	TCL PCB	Run	8082
028	TCL PCB	Run	8082
029	TCL PCB	Run	8082
030	TCL PCB	Run	8082
031	TCL PCB	Run	8082
032	TCL PCB	Run	8082
033	TCL PCB	Run	8082
034	TCL PCB	Run	8082

04/25/2013 08:32 by Mark - REV 1

PER CHRIS CHO, ID FOR SAMPLE #016 SHOULD BE W-38N (0 - 2.0)

INTEGRATED ANALYTICAL LABORATORIES, LLC

SAMPLE RECEIPT VERIFICATION

CASE NO: E 13

03698

CLIENT: JMC

COOLER TEMPERATURE: 2° - 6°C:

(See Chain of Custody)

Comments

COC: COMPLETE / INCOMPLETE
KEY

= YES/NA
 = NO

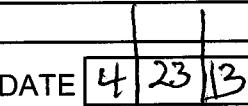
VOA received: Encore IGW - Methanol
 (check one) Terra Core No Preservative

- Bottles Intact
 no-Missing Bottles
 no-Extra Bottles

- Sufficient Sample Volume
 no-headspace/bubbles in VOs
 Labels intact/correct
 pH Check (exclude VOs)¹
 Correct bottles/preservative
 Sufficient Holding/Prep Time¹
- Multiphasic Sample
 Sample to be Subcontracted
 Chain of Custody is Clear

¹ All samples with "Analyze Immediately" holding times will be analyzed by this laboratory past the holding time. This includes but is not limited to the following tests: pH, Temperature, Free Residual Chlorine, Total Residual Chlorine, Dissolved Oxygen, Sulfite.

ADDITIONAL COMMENTS:

SAMPLE(S) VERIFIED BY: INITIAL  DATE  4/23/13

CORRECTIVE ACTION REQUIRED: YES (SEE BELOW) NO

If COC is NOT clear, STOP until you get client to authorize/clarify work.

CLIENT NOTIFIED:

YES Date/ Time: _____ NO

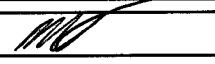
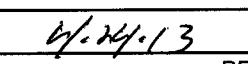
PROJECT CONTACT:

SUBCONTRACTED LAB:

DATE SHIPPED:

ADDITIONAL COMMENTS:

VERIFIED/TAKEN BY:

INITIAL DATE  6/24/13

REV 03/2013

E13-03698 0205

Laboratory Custody Chronicle

IAL Case No.

E13-03698

Client JMC Environmental Consultants

Project ARSYNCO

Received On 4/23/2013@16:50

Department: GC

			Prep. Date	Analyst	Analysis Date	Analyst
TCL PCB	03698-001	Soil	4/28/13	Archimede	5/ 2/13	Justyna
"	-002	"	4/28/13	Archimede	5/ 2/13	Justyna
"	-003	"	4/28/13	Archimede	5/ 2/13	Justyna
"	-004	"	4/28/13	Archimede	5/ 2/13	Justyna
"	-005	"	4/28/13	Archimede	5/ 2/13	Justyna
"	-006	"	4/28/13	Archimede	5/ 2/13	Justyna
"	-007	"	4/28/13	Archimede	5/ 2/13	Justyna
"	-008	"	4/28/13	Archimede	5/ 2/13	Justyna
"	-009	"	4/28/13	Archimede	5/ 3/13	Justyna
"	-010	"	4/28/13	Archimede	5/ 3/13	Justyna
"	-011	"	4/28/13	Archimede	5/ 3/13	Justyna
"	-012	"	4/28/13	Archimede	5/ 3/13	Justyna
"	-013	"	4/28/13	Archimede	5/ 3/13	Justyna
"	-014	"	4/28/13	Archimede	5/ 3/13	Justyna
"	-015	"	4/28/13	Archimede	5/ 3/13	Justyna
"	-016	"	4/28/13	Archimede	5/ 3/13	Justyna
"	-017	"	4/28/13	Archimede	5/ 3/13	Justyna
"	-018	"	4/28/13	Archimede	5/ 3/13	Justyna
"	-019	"	4/28/13	Archimede	5/ 3/13	Justyna
"	-020	"	4/28/13	Archimede	5/ 3/13	Justyna
"	-021	"	4/28/13	Archimede	5/ 3/13	Justyna
"	-022	"	4/28/13	Archimede	5/ 3/13	Justyna
"	-023	"	4/28/13	Archimede	5/ 3/13	Justyna
"	-024	"	4/28/13	Archimede	5/ 3/13	Justyna
"	-025	"	4/28/13	Archimede	5/ 3/13	Justyna
"	-026	"	4/28/13	Archimede	5/ 3/13	Justyna
"	-027	"	4/28/13	Archimede	5/ 3/13	Justyna
"	-028	"	4/28/13	Archimede	5/ 3/13	Justyna
"	-029	"	4/28/13	Archimede	5/ 3/13	Justyna
"	-030	"	4/28/13	Archimede	5/ 3/13	Justyna
"	-031	"	4/28/13	Archimede	5/ 3/13	Justyna
"	-032	"	4/28/13	Archimede	5/ 3/13	Justyna
"	-033	"	4/28/13	Archimede	5/ 3/13	Justyna
"	-034	Aqueous	4/30/13	Archimede	5/ 2/13	Justyna